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THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 135 JANUARY 23, 1939 Number 4

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

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Weed-Killing Program Laid Before Congress

OPD Washington Bureau
January 18, 1939

Identical bills providing for cooperation by the Federal government in State programs for the eradication of noxious weeds have been introduced in the senate and house by Senator D. Worth Clark of Idaho (S. 771) and Representative Henry C. Dworshak of Idaho (H. R. 2666).

The measure would authorize the appropriation of $25,000,000 for the fiscal year ending June 30, 1940, and for each fiscal year thereafter a sum sufficient for the purposes of the act to be used for payments to States which have complied with the rules and regulations promulgated by the Secretary of Agriculture for control of noxious weeds, and have had approved by the secretary their plans for the control of such weeds.

Under the terms of the bill a State plan must "(a) provide for financial participation by the State and/or its political subdivisions; (b) provide such methods of administration as are found by the Secretary of Agriculture to be necessary for the efficient operation of the plan; and (c) provide that all agencies within the State which are charged with the administration of the plan will make such reports in such form and content as the secretary may from time to time require."

Each cooperating State would receive quarterly payments equal to 50 percent of the total expended by the State for noxious weed control during that quarter, the Federal money to be used exclusively for control of noxious weeds.

The secretary would be authorized to allocate not more than 5 percent of the funds made available under the act to the Department of Agriculture Extension Service and another amount of not more than 5 percent to the Bureau of Plant Industry for education and research work in the various States.

The secretary is directed to set up a division of weed control within the Bureau of Entomology and Plant Quarantine for the purpose of administering the program, and to designate some agency within the Department of Agriculture to coordinate all Federal activities incident to weed control and seed inspection, and an authorization for $50,000 for administrative expenses is provided for the fiscal year ending June 30, 1940.

A bill (H. R. 196) introduced earlier in the session by Representative Walter M. Pierce of Oregon would provide for Federal government manufacture and distribution of alkali chlorates for control of noxious weeds (see the REPORTER for January 9, page 3).

Insecticide Fund Cut to $2,000,000

OPD Washington Bureau
January 19, 1939

An appropriation of $2,000,000 for control of incipient or emergency outbreaks of insect pests or plant diseases is carried in the first deficiency appropriation bill, reported to the house today.

The budget proposed an appropriation of $3,300,000 for this purpose, but the house appropriations committee, in its report, notes that the 1938 appropriation was $2,000,000 and that a $700,000 unobligated balance from prior-year appropriations remains.

The purpose of the appropriation, the committee points out, is to provide for the purchase and transportation of poisoned bait to the areas in which surveys indicate outbreaks are most likely to occur with a view of reaching the insects in the hatching stage before migration starts and damage to crops occurs.

The fund is administered by the Bureau of Entomology and Plant Quarantine of the Department of Agriculture.

Miller-Tydings Act Reassailed by Celler

OPD Washington Bureau
January 19, 1939

A bill (H. R. 2714) to repeal the Miller-Tydings resale price-maintenance act has been introduced in the house by Representative Emanuel Celler of New York.

A companion bill was introduced earlier in the session by Senator William H. King of Utah.

Similar bills were sponsored by the same legislators last year.

War Materials Plans Introduced in Congress

OPD Washington Bureau
January 17, 1939

Three similar bills to provide for acquisition of stocks of strategic and critical materials, concentrates and alloys essential to industry for the manufacture of war supplies have been introduced in the house and senate.

The sponsors of the bills are Representative Charles I. Faddis of Pennsylvania (H.R. 2643), Representative James G. Schrugham of Nevada (H.R. 2556), and Senator Elbert D. Thomas of Utah (S. 572).

The bills would authorize the secretaries of war and navy, through the Army and Navy Munitions Board, to determine which raw materials, concentrates and alloys are strategic, and the qualities and amounts in which they should be purchased. Representatives of the secretaries of state, treasury, interior and commerce would cooperate in such determinations.

When the administering officers deem it necessary, they would be directed to purchase supplies of such strategic materials and to store them on military and naval reservations, and a sum of $25,000,000 is authorized to be appropriated annually in 1939, 1940, 1941, and 1942, for buying, transporting, and storing the commodities.

The measure also directs the Bureau of Mines and the Geological Survey to make a study as to the occurrence, mining and treatment of minerals found in

—Continued on page 30

N.Y. Drug-Chemical Group Regards Future Promising

Better business awaits the chemical and drug industries this year if they will properly adjust themselves to new conditions and so function as steadily to better their service to the public. This was the view of the future unanimously expressed by spokesmen for various divisions of the industries in the industry forum on 1939 conducted January 17 by the Drug, Chemical and Allied Trades Section of the New York Board of Trade.

Chemicals

Harry L. Derby, president of the American Cyanamid & Chemical Corporation, pointed out the particular ability of the chemical industry to serve public needs and its special endeavors through research to anticipate these needs and promote general progress. He pointed too with pride to the well-maintained volume of employment in the chemical industries and the general satisfactoriness of their employment relations.

Mr. Derby spoke his earnest belief in the principle of collective bargaining and expressed the conviction, which he believed was shared by the majority in the industry, that much good might result from intelligent and cooperative acquiescence to the employment relations obligations imposed on the employer by governmental requirements.

Pharmaceuticals

Medical research, coordinating the interests and activities of the medical profession and the pharmacal industry promised much for the industry's future in improved service of the public, said R. D. Keim, vice-president of E. R. Squibb & Sons. Mr. Keim emphasized the value through necessity of the development by the industry as a whole of sound, ethical public relations.

For the commercial welfare of the industry and the fair treatment of the public, Mr. Keim urged opposition to the proposal of Senator King to have Congress repeal the Miller-Tydings act removing interstate barriers to the effects of State fair trade laws. He declared that these laws were no less protective of the public than they were of the goodwill and other rights of a manufacturer in his trademark.

Cosmetics

Edward Plaut, president of the Lehn & Fink Products Corporation, presenting the views of cosmetic manufacturers, gave the opinion that the new Federal food, drug and cosmetic law would be beneficial through removing irresponsible and unfairly competitive manufacturers. He had some fear of technicality enforcement of this statute, but he was optimistic withal, and he was hopeful that the Robinson-Patman act would not be so interpreted as to interfere with well established merchandising methods fairly employed.

Packaged Medicines

There is little if any reason to fear meticulous technicality in the administration of the food, drug and cosmetic act or the Wheeler-Lea act, in the opinion of W. Y. Preyer, president of the Vick Chemical Company, who was spokesman for the packaged medicine industry. He felt that the Wheeler-Lea act would do a good service by eliminating from advertising practices which brought the entire system into disrepute.

It was Mr. Preyer's opinion that the food, drug and cosmetic act would result in a greater confidence on the part of the public in the services rendered by the drug industry, because the law

—Continued on page 44

Food-Drug Officials Redraft Model Bill

OPD Washington Bureau
January 20, 1939

Members of the executive committee of the Association of Food and Drug Officials of the United States have been discussing and revising a model draft for a State food, drug, and cosmetic law, in a meeting here during the past three days. They have practically agreed upon a draft that approaches the Federal law in fundamental provisions more closely than did the first draft prepared by a special committee of the association.

The model now under final consideration is arranged in respect of provisions similarly to the Federal act, and it contains provisions designed to bring not only State laws but also regulations under them into uniformity among the

—Continued on page 30

Outlook in Chemical Industry

By Harry L. Derby

President, American Cyanamid & Chemical Corporation

Presented at Industry Forum—1939 of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, January 17, 1939

If my business experience of thirty years spent in the chemical industry has taught me anything, it has been the wisdom of caution when occupying the role of a prophet. Therefore, these brief remarks will be confined chiefly to an analysis of the conditions we presently find ourselves confronted with and the possible results which may flow therefrom.

The industry with which I am connected has made such tremendous strides in the last twenty years that it is with some degree of safety that one may predict a reasonable continuation of the advancement both in the scientific realm as well as in the business field. However, the chemical industry, together with all industry, from time to time encounters a dip in the business curve, and during the past twelve months we experienced, together with all other business, at least a temporary setback.

If one inclined to study curves and charts will pursue those relating to the chemical industry, he will find that since the World War the curve representing the business of the chemical industry has followed very closely the curve of general business. As a matter of fact, the chart of chemical activity is slightly in advance of that of general business, for the reason that with the $20,000,000 annually spent by our industry for research, there has been a constantly expanding chemical production, and many of the new products have supplanted the products of other industries.

Employment Stability

The Department of Labor is authority for the figures which show that, contrasting October, 1938, with October, 1937, all industry had a decline of employment of 16.6 percent; whereas, in the chemical industry the decline for the same period was 11.8 percent.

Research and industry's advancement have brought about a diversification of our activities, and we now find there is no major industry that is not on the list of customers of chemical producers.

While realizing, of course, that many factors, such as the European and Asiatic conditions and our domestic political situation, may have a compelling influence on the future of our industry, nevertheless—I have, I suppose, always been classified as an optimist, and I trust ever will be—I am of the opinion the progress of our industry and the nation as a whole will continue, and I say this in spite of the realization of all the difficulties through which we are

—Continued on page 27

United-Whelan Buys Chain Started by Neve

The United Cigar-Whelan Stores Corporation has purchased the Best Drug Stores chain in southern California, an organization of eleven stores in Los Angeles, Beverly Hills, Ocean Park, Hollywood, and other suburbs of Los Angeles. Reporting the acquisition of this chain, Walter G. Baumhogger, president of the United Cigar-Whelan Corporation, said:—

United-Whelan is glad to have been able to acquire these stores. They are a particularly high-grade type of drug store, modern and attractive in appearance, and with apparently an excellent operating organization.

Best Drug Stores, Inc., was organized in the late Summer of 1933, and early in the next year issued $150,000 in preferred stock and $6,000 in common. Its president was A. J. Neve, previously connected with Neve Drug Stores, Inc., this city, controlled by the United Retail Chemists Corporation, a subsidiary of the United Cigar Stores Company of America.

—Continued on page 46

Closing Market Developments

London Closing Cable

London, Jan. 20, 1939

Quotations on carnauba wax were 145s. per hundredweight; quicksilver, £15 to £15 4s. per flask.

Tungstic Acid and Oxide Lower

Tungstic acid and tungsten oxide, c.p. grades, were lowered 25c. per pound. Tungstic acid was quoted at $2.35 to $2.55 per pound, according to quantity, and the oxide $2.40 to $2.60 on the same basis. Quotations were withdrawn on the technical grades, and supplanted by a purer chemical grade, which was listed at $1.70 to $1.80 per pound for the acid and $1.75 to $1.85 for the oxide.

Cottonseed Oil Steady

Trading in refined cottonseed oil futures was quiet on Friday. Changes in prices were narrow and the tone of the market appeared to be steady. May closed at 7.15c., and July 7.24c., showing a small net decline as compared with the final quotations of the previous Friday. Southern markets for crude oil were quiet and steady with offerings light.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Guano:—The Institute of Agricultural Credit will distribute the entire production of guano for consumption within the country, under the provisions of a decree of the Chilean Ministry of Agriculture.

Oilcakes:—France has established an export duty of 10 francs per 100 gross kilos on linseed oil cake; others are subject to 3 francs per 100 gross kilos, excepting peanut and palmetto oilcakes which are free of duty.

Parcel Post:—Insured parcels as well as ordinary parcels up to the maximum weight of twenty-two pounds per parcel may be accepted for mailing to Egypt.

Pharmaceuticals:—The effective date on which medicinal preparation doses and pharmaceutical specialties imported into Egypt, in a form ready for retail sale, must bear the retail price, has been advanced to April 1, 1939. On the effective date the import duty of 10 percent ad valorem on these products will be calculated on the printed retail price, less 40 percent and less the excise paid on alcohol which may be contained in such products.

Tungsten Ore:—The exportation of tungsten ore containing more than 1.5 percent of tin has been prohibited in the Federated Malay States, except under authorization by the Chief Inspector of Mines.

Tung Oil Arrivals At Hankow Nil in Dec.

OPD Washington Bureau
January 20, 1939

There were no arrivals of tung oil at Hankow from upcountry or any exports from that port in December, according to a statement issued by the Department of Commerce today. Stocks of oil on hand at Hankow at the end of December amounted to 13,149 short tons, the same quantity on hand at end of November.

No tung oil was known to be in the hands of the Japanese and no shipments were expected to be made in the near future. No stocks of oil were held by the Kwangsi Government at end of year, but independent dealers estimated to hold about 2,000 tons. Indications point to substantial increase of oil for 1939 because of increased plantings of recent years.

Phila. Drug Exchange Will Dine Jan. 26

The Philadelphia Drug Exchange will have its annual dinner January 26 at 7:00 p.m. in the Bellevue-Stratford hotel. The charge will be $5 for one, $25 for six.

Reservations are being handled by R. G. Anderson, 916 Parrish street; telephone, Poplar 4524.

The program schedules addresses by Frank F. Law, Dr. Ivor Griffiths, and Dr. Frederick R. Griffin, and "entertainment," with a reception before the diners are seated.

Chemical Price Views Sag

Reductions were plainly the rule among price changes in the markets for heavy and fine chemicals last week. Chief among the articles affected were citric acid, amyl and butyl solvents, and natural tanstuffs.

Business showed a gratifying improvement in the volume of goods moving and in inquiries on approaching needs. Replacements of stocks, although not speculative, were of good volume.

Prices were advanced on gum turpentine, medium and pale gum rosins, and imported steamed bone.

Prices were reduced on citric acid, citrate of soda, amyl acetate, amyl alcohol, butyl acetate, butyl alcohol, imported crude naphthalene, quicksilver vermilion, yellow prussiate of potash, mangrove barks, African wattle bark, myrobalans and extract, leaf and ground sumacs, sulphonated castor oil, dark gum rosins, a number of copals, egg albumen, South American tankage, domestic raw bone, and dried blood at Chicago.

The REPORTER'S composite index number of prices for heavy and fine chemicals was not appreciably affected, remaining at 125.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.9, compared with 89.8 at this time last year and 89.0 in 1937.

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Compressed Gas Makers Meeting Here Jan. 23

The twenty-sixth annual meeting of the Compressed Gas Manufacturers' Association will be held in the Waldorf-Astoria, this city, January 23-24. Aside from a discussion of the technical phases of the industry, the meeting will hear reports of various committees, and elect officers and members of the executive board. The annual banquet will be held January 24. The program follows:—

Monday, January 23

"Accident Record of 1939 and a Description of the New I.C.C. Regulations as Proposed for Revision," by W. S. Topping, chief inspector of the Bureau of Explosives.

"The Reciprocal Trade-Agreement Program of the United States," by Granville Woodward of the Department of State, Washington.

Tuesday, January 24

"The Production and Distribution of Liquefied Petroleum Gases"; also "Fire Test on Propane Tank Truck Tank," by H. Emerson Thomas, of the Phillips Petroleum Company.

"Excess Flow Check Valves," by W. C. Buttner, of the Bastian-Blessing Company.

"The Reconditioning and Refilling of Anhydrous Ammonia Cylinders," by G. Hallberg, of E. I. du Pont de Nemours & Co.

"Compressed Gases, the Hormones of Industry," by A. G. Cranch and G. O. Carter.

"Medication and the U. S. Pharmacopoeia," by John C. Krantz, jr., of the University of Maryland.

"High Pressure Synthesis," by F. A. Wardenburg, of E. I. du Pont de Nemours & Co.

"The Contribution of Oxy-Acetylene Processes to American Industry," by H. H. Moss, of the Linde Air Products Company.

Wood Preservers to Hold Annual Meeting Jan. 24-26

OPD Washington Bureau
January 16, 1939

The thirty-fifth annual meeting of the American Wood Preservers' Association will be held in the Willard hotel, Washington, January 24-26. Most of the sessions will be devoted to discussion of technical papers on various aspects of treating timber products.

An unusual feature of the convention will be a session Tuesday evening devoted to government uses of treated timber, with addresses by spokesmen for the U. S. Forest Service, Procurement Division of the Treasury Department, Navy Department, Bureau of Public Roads, and Rural Electrification Administration. The Wednesday morning session will be devoted to the "Users' Day" program and will include papers by engineering authorities identified with railroad, public utility, mining, marine, and highway construction.

Color Council Meeting Scheduled for Feb. 23

The eighth annual meeting of the Inter-Society Color Council will be held February 23 in the auditorium of the Electrical and Gas Association of New York, 480 Lexington avenue. A feature of the meeting will be the evening session, to which each member group has been invited to contribute a short demonstration of recent color developments or a research project of outstanding importance. Arrangements are in charge of Dorothy Nickerson, of the Bureau of Agriculture Economics, Washington. The technical portion of the program follows:—

'The Physics of Color Tolerance,' by Deane B. Judd, of the National Bureau of Standards.

'The Psychophysics of Tolerances,' by Edwin G. Boring, of Harvard University.

'The Ratio Method in the Review of the Munsell Colors,' by Sidney M. Newhall, of Johns Hopkins University.

'Color Tolerances as Affected by Changes in Composition and Intensity of Illumination and Reflectance of Background,' by Harry Helson, of Bryn Mawr College.

'Representation of Color Tolerances on the Chromaticity Diagram,' by David L. MacAdam, of the Eastman Kodak Company.

'Specification of Color Tolerances at the National Bureau of Standards,' by Deane B. Judd, of the National Bureau of Standards.

'Industrial Color Tolerances,' by Isay Balinkin, Department of Physics, University of Cincinnati, and Cambridge Tile Manufacturing Company, Cincinnati, Ohio.

Patent Law Changes Suggested to TNEC

OPD Washington Bureau
January 19, 1939

A defense of the main aspects of the patent system as it now exists in the United States was presented to the Temporary National Economic Committee this week by representatives of the Department of Commerce and a number of business organizations.

The testimony was designed to counteract the suggestions made before the committee last month, during hearings on the patent situation in the glass container industry, that patents are necessarily an instrument for promoting monopoly. First witnesses were Richard C. Patterson, jr., Assistant Secretary of Commerce, and Conway P. Coe, Commissioner of Patents.

Commissioner Coe made six suggestions for legislation to improve the patent system, primarily by preventing dilatory litigation, but he strongly urged on the ground that patents are essential for scientific and industrial progress, that no basic changes be made in the patent laws. He declared that inventors now suffer because the patent monopoly is not now fully safeguarded and that what is needed is not to decrease but to enhance the monopoly called a patent. He presented a number of charts to show how large industries have grown from important patents, such as the cotton gin, and also to show the number of patents held by individuals and small companies, compared with those held by large corporations.

The legislative changes proposed by Commissioner Coe included the following: (1) Creation of a single court of patent appeals to have jurisdiction over litigation now conducted by all Federal district courts; (2) permit patents to run for seventeen years from date of issue, as at present, but not more than twenty years from date of filing in order to discourage litigation within the Patent Office; (3) abolish the board of appeals within the Patent Office and provide for a single determination on interferences; (4) prohibit renewal applications; (5) reduce from two years to one year the period during which an inventor may use an invention before filing a patent application; (6) reduce from two years to one year the time within which an applicant may copy a claim from an issued patent for the purpose of asserting the priority of his invention.

Pollution Control Bill Introduced in Senate

OPD Washington Bureau
January 19, 1939

A pollution control bill (S. 685), quite similar to that passed by Congress last year, has been introduced in the senate by Senator Alban W. Barkley of Kentucky. The bill apparently meets the objections stated by the President when he refused to sign the bill after the adjournment of the last Congress by stating that all reports and recommendations to Congress from the Divisions of Water Pollution Control to be created in the U. S. Public Health Service shall be submitted through the surgeon general, "who shall submit its conclusions thereon through the Secretary of the Treasury and the President as in other cases."

The President had complained that previous legislation made no provision for clearing recommendations through the White House and the Bureau of the Budget. The Barkley bill contains no penalties or prohibitions for permitting polluting material to reach navigable streams and in this respect it is similar to the Parsons and Spence bills and differs from the Bland bill, all of which were introduced in the house earlier in the session.

Chain Store Bill Protest Filed by N.Y. Merchants

A protest against the passage by Congress of the chain store tax bill, introduced in the house by Representative Wright Patman of Texas, has been filed by the Merchants' Association of New York, with the speaker of the house, the majority and minority leaders and all representatives from this city. The association declared that the bill, if passed, would cost more than 1,000,000 workers their jobs, together with raising prices to consumers by approximately 15 percent.

Consumer Drug Bill Introduced at Albany

Albany, Jan. 19, 1939

Under the provisions of a bill (A. I. 307) introduced in the assembly by Robert F. Wagner, jr., Democrat, New York city, and referred to the health committee, a new article 24 is added to the public health law; section 201 of the agriculture and markets law is repealed; and section 1361 of the education law is amended to create in the health department a consumers' bureau for registration, advertising control, analysis, scientific research, education, publicity, and regulation of the manufacture and sale of drugs, cosmetics, or health devices in order to prevent adulteration or misrepresentation.

P.R. Agency Bans Foreign Fertilizers

OPD Washington Bureau
January 19, 1939

Agricultural cooperative associations in Puerto Rico which are obtaining any financial aid from the Puerto Rico Reconstruction Administration will not purchase fertilizer from foreign countries in the future, it was announced today by Harold L. Ickes, Secretary of the Interior and administrator of Puerto Rican reconstruction.

The announcement was the result of protests filed by local and mainland fertilizer companies against the action of one cooperative which purchased 1,600 tons of fertilizer from Germany out of annual purchases of approximately 10,000 tons. Under an agreement with Miles Fairbank, resident assistant administrator of administration, cooperatives in part financed by this organization will make no further foreign purchases. It is understood that a tobacco cooperative marketing association in Puerto Rico, not financed by the reconstruction agency, recently entered a barter arrangement with Germany, exchanging tobacco for fertilizer.

Asked about the PRRA ban in his press conference today Secretary Ickes suggested the American fertilizer companies reduce their prices to meet foreign competition.

Mutual Drug Directors Reinstate Roosa as President

In a special meeting in Cleveland January 16, eleven of the fifteen directors of the Mutual Drug Company voted to reinstate Frederick T. Roosa as president of the corporation and to remove from that office L. L. Van Schaack, Chicago, who had been elected at the directors meeting December 30.

Mr. Roosa, who was in Florida at the time he was retired from the presidency, returned to Cleveland in anticipation of a meeting of stockholders called for January 17 for the purpose of reducing the value of the preference stock from $7.50 per share to $3. He collected proxies from stockholders and apparently called the special meeting of directors which reinstated him.

At the stockholders' meeting January 17 Mr. Roosa had proxies sufficient to enable him to represent, with his own holdings, about 80 percent of the stock. The proposal to reduce the value of the prior preference stock was approved by a stockholders' vote of 238,850 to 18,257, authorizing a reduction of $610,907, and making the stock value $1,223,315.

By a vote of 222,875 to 17,198, the stockholders directed that assets of the company's subsidiaries should not be written down beyond the value now on the books and that any deficit in earned surplus should be eliminated.

Bond Issue Defeated

A proposal that the company issue bonds for something like $500,000, which had been opposed by Mr. Roosa and was said by him to have been the reason for his being retired, was opposed by the directors in the special meeting January 16. Their action was ratified by the stockholders' meeting by a vote of 241,371 to 1,090.

A resolution, presented by Frank Cara, Chicago stockholder, to remove from office Mr. Roosa and eleven directors for "gross neglect of duty, incompetence, and concealing the true state of affairs from stockholders," was ruled out of order by Mr. Roosa.

Receivership Asked

Terrance Scullin, East Cleveland, owner of 110 shares of the common stock, filed a suit January 17, asking that the company be put in receivership. He charged that dividends had been paid out of capital. Mr. Roosa denied this charge.

The company's statement for 1937, certified by Mr. Roosa, reported sales of $4,004,528 and earnings of $70,870. It shows the payment of $144,897 in "capital dividends."

The Ohio State Securities Division issued an order January 17 calling on the company to cease issuing $25 buying-rights certificates to retail druggists, on the ground that these certificates had not been registered as securities.

SEC Is Investigating

At the conclusion of the stockholders' meeting January 17, subpenas were served on officers and directors of the company, calling for their appearance before regional representatives of the Securities and Exchange Commission. Questioning of the executives and directors was designed, according to D. T. Moore, SEC representative, to find out what the Mutual affair is all about and whether or not our agency is involved.

L. L. Van Schaack, Chicago, was the first witness questioned by members of the SEC investigating staff. Morris F. Luff, confidential adviser to F. T. Roosa, was the second witness. The nature of the questioning or the answers has not been disclosed.

John T. Hayes, attorney for Mr. Roosa, declared that his client and his associates were willing to have a "thorough airing" of the company's affairs.

—*Continued on page* 30

Import Tax Plans Seek Tax Parity

OPD Washington Bureau
January 18, 1939

A special excise tax would be imposed on the importation of articles and commodities already dutiable under the tariff act of 1930 under the terms of a bill (H.R. 2656) introduced in the house by Representative Lawrence J. Connery of Massachusetts. The tax would amount to the difference, less 8 percent allowed for profits and handling charges, between the landed costs of the foreign products and the American wholesale selling price, or where no such figure can be established, the domestic cost of production.

The measure specifies that, in computing the total costs of specific imports, there would not be credited as a cost any export tax or any tax levied on production or processing of raw or finished materials, without deducting therefrom the amount of benefits received by the producer in the form of credits or rebates on taxes; any production differentials; any taxes on payrolls; and extraordinary internal taxes levied on materials, labor, goods, or manufacturing facilities where the major portion of the product is designed for exportation or is actually exported.

A bill (H.R. 219) to provide for a special import tax on articles which are produced in a foreign country with the aid of a subsidy has been introduced in the house by Representative Emanuel Celler of New York. The proposed leg-

—*Continued on page* 27

Outlook in Drug Industry

By R.D. Keim

Vice-President, E.R.Squibb & Sons

Presented at Industry Forum—1939 of the Drug, Chemical and Allied Trades Section of the New York Board of Trade January 17, 1939

The drug, pharmaceutical, and biological manufacturing industry weathered the business recession of 1938 much more satisfactorily than any other industry in the United States, and that is as it should be; because it is our most essential industry, in that the products of our laboratories are necessary for the treatment or prevention of disease and for the relief of human suffering and pain, in periods of depression, as well as when prosperity is in full swing.

Even though some of the regulations that will go into effect as a result of the enactment of the new federal food, drug, and cosmetic act and the Wheeler-Lea act have been severely criticized by some as being too rigid and having a tendency toward the regimentation of our industry by the Federal government, I am firmly convinced that those who view that legislation in a broad, social sense will welcome it, because it will raise the standards of production in the drug, pharmaceutical, and biological manufacturing industry and thus give the consuming public further protection against substandard drug, pharmaceutical, and biological products, as well as exploitation by manufacturers who are tempted to engage in unethical practices.

That legislation will also help to raise the standards of pharmacy as a profession and a business, which is of vital concern not alone to our industry but also to the medical and dental professions, as well as to the consuming public that depends upon retail druggists to supply it with medicinal products of the highest standard of uniformity, purity, and efficacy, namely, in one word, the utmost reliability.

I believe we are entering a new era of closer cooperation between the medical and dental professions and our industry as a result of the new institutes for medical research that were established by certain pharmaceutical and biological manufacturers last year and the larger number of fellowships for special research work in the field of medicine and dentistry that are being maintained by manufacturers in our industry in universities and medical colleges. This is concrete evidence that the leaders in our industry fully realize their responsibility to make even greater contributions toward the advancement of medical science in the outstanding work it is doing to promote the health and well-being of our people, and that, in the final analysis, must result in a higher standard of living.

Fair Trade Purposes

On January 4, 1939, Senator King of Utah introduced in the Senate of the United States bill No. S-204, the purpose of which is to repeal the Miller-Tydings enabling act. As manufacturers of nationally known and trademarked medicinal specialties and proprietaries, I firmly believe that we, as an industry, should oppose the passage of that bill by the present Congress, as well as any attempt that may be made in State legislatures to repeal any of the fair trade acts that have been passed in forty-three States in the Union.

Fundamentally, these laws do not stifle competition, but, in accordance with the decision of the Supreme Court of the United States, give the manufacturer of branded and trademarked products the legal right to pro-

—*Continued on page* 43

F.T.C. Order Hits Exclusive Dealing Pacts

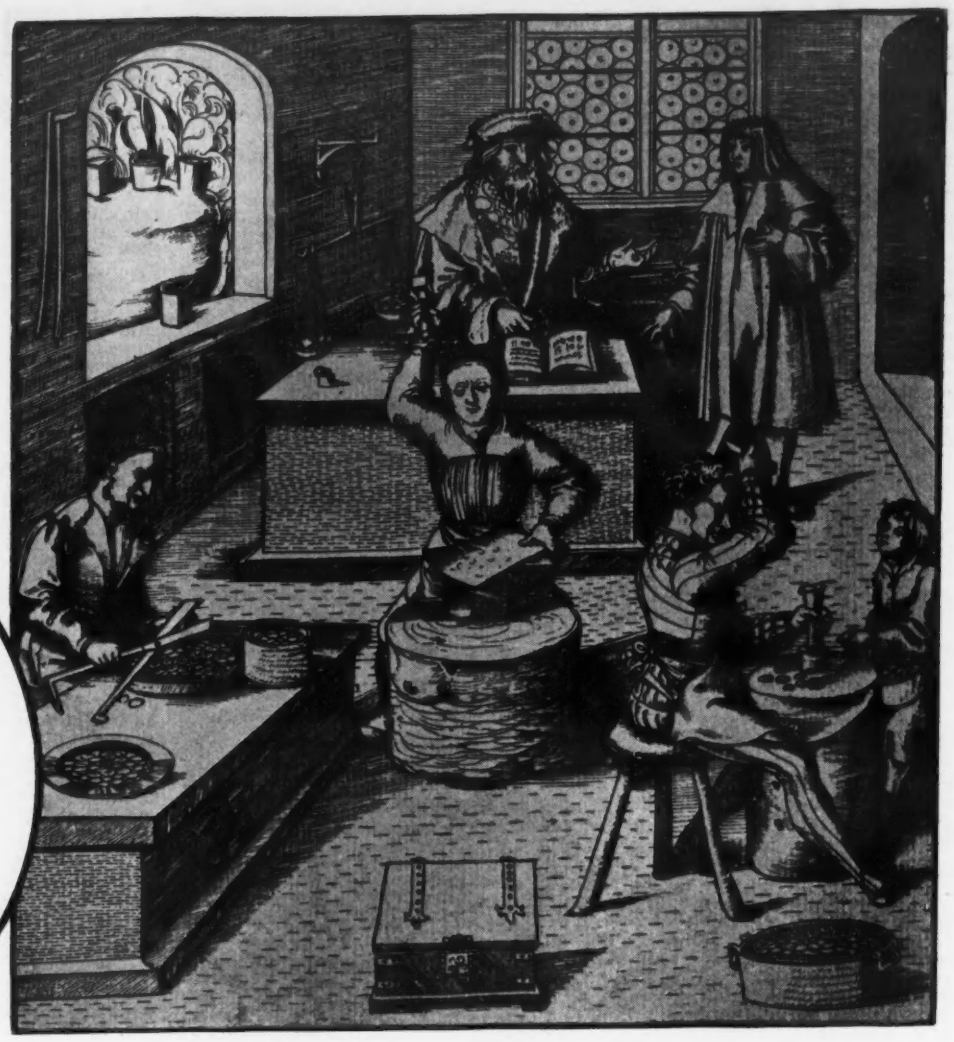
OPD Washington Bureau
January 20, 1939

The National Biscuit Company, New York, has been served by the Federal Trade Commission with an order requiring it to cease and desist from certain practices found to be in violation of the Federal trade commission act and of section 3 of the Clayton act, which prohibits exclusive dealing contracts.

The order directs that the respondent company cease entering into any contract, agreement or understanding with wholesalers, jobbers or other dealers in bakery and packaged food products to the effect that such dealers shall not deal in products of this class made by any one other than the National Biscuit Company.

Under the order, the respondent company is to desist from agreeing to pay and from paying to such dealers com-

—*Continued on page* 44



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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd....lb. .16 - —
Acetamide, CP, kgs., 1,000-lb. lots, dlvd..lb. .44 - —
tech., kgs., 1,000-lb. lots, dlvd., lb. .39 - —
Acetanilide, tech., bbls.....lb. .22 - —
95% bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¾- —
tanks, dlvd.....lb. .04¼- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.28 - 2.48
cbys.....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys.....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 6.89 - 6.14
cbys.....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys.....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs. 10.25 -10.50
cbys.....100 lbs.10.75 -11.00
synth., 90.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys.....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys.....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys.....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys.....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y. N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore. and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks, contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -128.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., E. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .14½- .15
Chinawood oil, dms.....lb. .19½- .20
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y..lb. .15¼- .17¼
Acid, cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .21 - —
cryst., gran., 10,000-lb. lots, one shipt..lb. .21¼- —
smaller lots.....lb. .22 - —
kegs .....lb. .22½- —
anhyd., gran, dms., 10,000 lbs., 1 shipt..lb. .24 - —
smaller lots.....lb. .24½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve'a, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06¾- .07¼
tanks .....lb. .06¼- —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....lb. .64 - —
other grades, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....lb. .71 - —
imported, pale, dms., l.c.l.gal. .62 - .66
dark, dms., l.c.l.....gal. .61 - —
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l....lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1285- —
1-24 .....lb. .1385- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1330
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 600 lbs..lb. .20 - —
H, bbls. .....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.20 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
45%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1500
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .00 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10¼- .11½
plastic grade .....lb. .12¾- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1100- .1160
extra white, dist., dms....lb. .11¾- .12¼
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
Acid, muriatic, C.P., USP, dealers, cbys..lb. .06½- —
6-lb. bots. .....lb. .18½- —
consumers, cbys. .....lb. .08 - —
6-lb. bots. .....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l..... .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.55 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works. 100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys....lb. .11¼- —
7-lb. bots.....lb. .22¼- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms...lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14¼
Phenylacetic, bots. .....lb. 1.75 - 2.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys. .....lb. .07¼- —
USP, 85%, a. g. 1,710, cbys., 180 lbs..lb. .13 - —
50% a. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .25 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst, cns.....lb. 1.45 - 1.65
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .32 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices.
tech., bbls., works.....lb. No prices.
Soybean oil, dist., dms.....lb. .08 - .08½
Stearic, distil., double pressed, bgs., dlvd..lb. .10¼- .11½
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11¾
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....sp. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.80 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-
100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .95 - —
powd., bbls., 1,000 lbs....lb. .75 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27¼- —
smaller quantities .....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls. .....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots. .....oz.30.00 —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .93 - 1.15
3, bls. .....lb. .68 - .70
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd. grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis, lb. .18 - —

Acacia—Aloe

Albumen, blood, light, dom., flake, dms., f.o.b. Chicago, frt alld..lb. .52 - .60
import, bgs. .....lb. .52 - .60
Egg, ed., dom., cryst., bbls., lb. .73 - .75
dom., pwd., dms., bbls., lb. .77 - .85
import, cs.....lb. .73 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans .....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
com'l., dms. .....lb. .95 - —
import, 85%, 100-lb. dms....lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Anhydrous, 2c. per gal. higher.
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .32 - —
l.c.l., works, dms.....gal. .34 - —
tanks, E., works.....gal. .24 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .29 - —
19 bbls., E. works...gal. .31 - —
gal. .34 - —
1 to 18 bbls., E. works. gal. .34 - —
dms., c.l., E. works...gal. .28 - —
19 dms., E. works...gal. .30 - —
1 to 18 dms., E. works, gal. .33 - —
tanks, E. works.....gal. .22 - —
Anhydrous, 2c. per gal.higher.
SD-2B., dms., c.l., works., E. gal. .27 - —
18 dms., works, E....gal. .29 - —
1 to 18 dms., works, E. gal. .32 - —
tanks, E., works.....gal. .21 - —
SD23-G, works, E., dms.gal. .32½- —
19 dms.....gal. .34½- —
1 to 18 dms.....gal. .37½- —
tanks .....gal. .26½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E., works..gal. .29 - —
20 dms., E. works...gal. .31 - —
1 to 19 dms., E. works, gal. .34 - —
tanks, E. works.....gal. .28 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.55½- —
19 bbls.....gal. 4.57½- —
1 to 18 bbls.....gal. 4.60½- —
dms., c.l.....gal. 4.54½- —
19 dms.....gal. 4.56½- —
1 to 18 dms.....gal. 4.59½- —
tanks .....gal. 4.48½- —
absolute, dms., c.l.....gal. 4.87 - —
19 dms.....gal. 4.89 - —
1 to 18 dms.....gal. 4.92 - —
Grain alcohol 25c. per gal. higher.
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .08½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .33½- —
l.c.l., same basis.....gal. .38½- —
tanks, same basis.....gal. .28½- —
99%, dms., c.l., same terms. gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl (see Isopropyl).
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., works, E..gal. .70 - .72
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .40 - .42
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18½- .20
Curacao, cs.....lb. .42 - .45
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50

Aloin—Anthraquinone

Aloin, 140-lb. bbls.	lb.	2.65	- 2.90
100-lb. kgs.	lb.	2.67	- 2.92
25-lb. fib. dms.	lb.	2.74	- 2.99
Alphanaphthol, bbls.	lb.	.52	- —
Alphanaphthylamine, bbls.	lb.	.33	- —
Althea root, cube cut, bbls.	lb.	.30	- .32
Alum, ammonia, burnt, USP, bbls., kgs.	lb.	.16	- .18
gran., bbls., works	100 lbs.	3.15	- —
dlvd. N.Y. Phila.	100 lbs.	3.15	- —
lump, bbls., works	100 lbs.	3.40	- —
dlvd., N.Y., Phila.	100 lbs.	3.40	- —
powds., bbls., works	100 lbs.	3.55	- —
dlvd. N. Y., Phila.	100 lbs.	3.55	- —
powd., bbls., works	100 lbs.	3.55	- —
dlvd., N. Y., Phila.	100 lbs.	3.55	- —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) dlvd. N.Y. prices apply to truck or ex warehouse.

add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point;

Potash, gran., bbls., works	100 lbs.	3.40-	3.65
dlvd. N.Y., Phila.	100 lbs.	3.40	- —
lump, bbls., works	100 lbs.	3.65	- 3.90
dlvd. N.Y. Phila.	100 lbs.	3.65	- —
powd., bbls., works	100 lbs.	3.80	- 4.05
dlvd. N.Y., Phila.	100 lbs.	3.80	- —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.	lb.	.06¼-	.06½
Soda, bbls., c.l., works	100 lbs.	3.35	- —
l.c.l., dlvd.	100 lbs.	4.25	- 5.00
Alumina acetate, 50% normal solut., bbls., c.l., dlvd.	lb.	.07½-	—
l.c.l., dlvd.	lb.	.09	- —
32%, basic solut., bbls., c.l., dlvd.	lb.	.10	- —
l.c.l., dlvd.	lb.	.12	- —
basic powd., bbls., dlvd.	lb.	.40	- —
smaller containers, dlvd.	lb.	.80	- —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works.	lb.	.06	- —
12,000 to 40,000 lbs, works.	lb.	.07	- —
1,100 to 11,000 lbs., works.	lb.	.08	- —
140 to 875 lbs., works.	lb.	.09	- —
100 lbs., or less, works.	lb.	.10	- —
cryst., com'l, dms., c.l., works	lb.	.06	- —
l.c.l., dms., works	lb.	.06½-	—
solution, 32 deg., cbys., c.l., works.	lb.	.02¾-	—
l.c.l., cbys., works	lb.	.03¼-	—
Formate, 30% solut., bbls., c.l., dlvd.	lb.	.12	- —
l.c.l., dlvd.	lb.	.15	- —
Hydrate, heavy, bbls., c.l., works.	lb.	.0290-	—
l.c.l., bbls.	lb.	.03½-	—
bgs., c.l.	lb.	.0260-	—
light, bbls., dlvd.	lb.	.12	- —
Oleate, dms., contr.	lb.	.16¾-	—
open order	lb.	.17½-	.18⅛
Palmitate, precip., bbls.	lb.	.23	- —
Resinate, precip., dms., dlvd.	lb.	.15	- —
Stearate, precip., bbls., ctns., c.l.	lb.	.19	- —
l.c.l., ton	lb.	.20	- —
less than ton	lb.	.21	- —
Alumina, sulphate, com'l, bgs., c.l. works, frt. equaled.	100 lbs.	1.15	- —
l.c.l., works, frt. equald.	100 lbs.	1.40	- —
bbls., c.l., works, frt. equald.	100 lbs.	1.35	- —
bbls., l.c.l., works, frt. equaled.	100 lbs.	1.60	- —
iron-free, bgs., c.l., works	100 lbs.	1.30	- —
l.c.l., works	100 lbs.	1.55	- —
bbls., c.l., works	100 lbs.	1.50	- —
l.c.l., works	100 lbs.	1.75	- —
Aluminum, 98-99%, c. l.	lb.	.20	- —
l.c.l.	lb.	.21	- —
paste, lining, extra fine, dms., 1,500 lbs.	lb.	.65	- —
ink, dms., 1,500 lbs.	lb.	.75	- —
standard, dms., 1,500 lbs.	lb.	.42	- —
powder, lining, extra fine, dms., 1,500 lbs.	lb.	.92	- —
standard, dms., 1,500 lbs.	lb.	.57	- —
litho, extra brilliant, dms., 1,500 lbs.	lb.	.43	- —
extra fine, dms., 1,500 lbs.	lb.	.47	- —
lining, dms., 1,500 lbs.	lb.	.57	- —
standard, dms., 1500 lbs.	lb.	.42	- —
rubber compound, dms., 1,500 lbs.	lb.	.40	- —
unpolished, dms., 1,500 lbs.	lb.	.37	- —
varnish, extra brilliant, dms., 1,500 lbs.	lb.	.43	- —
extra fine, dms., 1,500 lbs.	lb.	.47	- —
standard, dms., 1,500 lbs.	lb.	.42	- —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 5c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 3 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 20,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins	oz.	17.00	-36.00
Aminopyrine, fib., dms., 100 lbs.	lb.	4.00	- —
bots., 5 lbs.	lb.	4.22	- 4.25
Ammonia, acetate, bbls., kgs., dlvd.	lb.	.27	- .33
dms., dlvd.	lb.	.23	- .26
Aldehyde, dms.	lb.	.68	- .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works	lb.	.04¼-	—
refrigeration, tanks, works	lb.	.06	- —
pure, cyls., dlvd., met. N.Y.	lb.	.16	- —

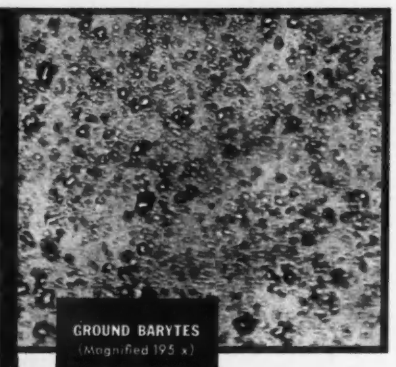
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

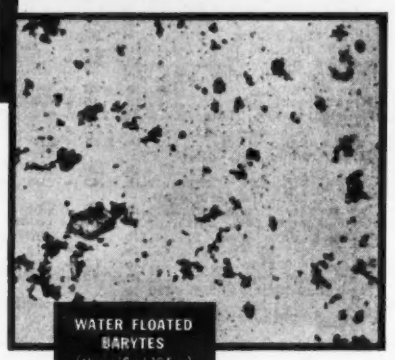
Aqua, 26°, cbys.	lb.	.05	- —
dms., c.l.	lb.	.02	- —
l.c.l.	lb.	.02¼-	—
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit.	lb.	.04	- —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit.	lb.	.03¾-	—
Benzoate, dms., 4,000 lbs. or more.	lb.	.40	- .42
1,000 lbs. to 3,900 lbs.	lb.	.41	- .43
900 lbs. or less.	lb.	.42	- .46
kgs., 4,000 lbs. or more.	lb.	.40	- —
1,000 lbs., to 3,900 lbs.	lb.	.41	- —
900 lbs. or less.	lb.	.42	- —
Bicarbonate, bbls., c.l., works.	100 lbs.	5.15	- —
l.c.l., dlvd. N. Y.	100 lbs.	5.71	- —
Bichromate, bbls.	lb.	.20	- .22
Bifluoride, bbls.	lb.	.14½-	.16¼
Borate, bbls., kgs.	lb.	.15	- .16
Bromide, gran., bbls.	lb.	.35	- —
bxs.	lb.	.38	- .39
kgs.	lb.	.36	- —
Carbonate, tech., dom., bbls.	lb.	.08	- .12½
imported, cnks.	lb.	.09	- .12½
USP, lump, dms.	lb.	.06	- .17
powd., bbls., dms.	lb.	.09	- .25
Chloride, tech. (see Ammoniac, sal).			
USP, gran., 225 lb. bbls.	lb.	.12	- .18
100 lb. kgs.	lb.	.15	- —
Citrate, dms.	lb.	.80	- —
cns.	lb.	.85	- —
Fluoride, bbls.	lb.	.17	- .19
Hydroxide, (see Ammonia, aqua),			
Hypophosphite, fib., dms.	lb.	1.10	- 1.17
jars	lb.	1.20	- —
Iodide, 5-lb. bots.	lb.	3.52	- —
jars	lb.	3.45	- —
Laurate, bbls	lb.	.24	- —
Linoleate, 80%, anhyd., bbls.	lb.	.13	- —
Molybdate, kgs., wks.	lb.	1.05	- 1.20
Naphthanate, bbls.	lb.	.18	- —
Nitrate, tech., bgs., c.l., works.	100 lbs.	3.60	- —
l.c.l., works	100 lbs.	3.85	- —
bbls., c.l., works	100 lbs.	3.80	- —
l.c.l. works	100 lbs.	4.05	- —
Oleate, dms.	lb.	.15	- —
Oxalate, neutral, powd., bbls., kgs.	lb.	.19	- .20
Perchlorate, kegs.	lb.	.16	- —
Persulphate, kgs.	lb.	.21	- .22
Phosphate, dibasic, N.F.V., bls.,	lb.	.27	- —
kgs.	lb.	.30	- —
tech., bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.09	- .10
monobasic crude (fert. grade) 11% N 48% phos- bulk, f.o.b. S. works	unit-ton.	1.20	& .70
pure, bbls.	lb.	.40	- .45
tech., bbls., c.l.	lb.	.07½-	—
l.c.l.	lb.	.09	- .10
Ricinoleate, bbls.	lb.	.16	- —
Salicylate, U.S.P., kgs	lb.	1.15	- 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y.	lb.	.09	- —
5 bbls., same basis.	lb.	.08½-	—
Stearate, anhydrous	lb.	.23	- —
paste	lb.	.08	- —
Sulphate, dom., bulk, c.l., f.o.b. Jan.-June shipt.	ton.	28.00	- —

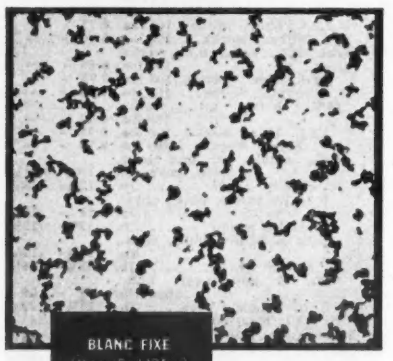
Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-45%, basis 100%, dms., works.	lb.	.12	- .13
tanks, delvd.	lb.	.11	- —
32%, cbys., wks.	lb.	.07½-	—
Sulphocyanide, pure, 90-100%, kgs.	lb.	.55	- .75
Ammoniac, gum (see Gum, ammoniac).			
sal, gray, dom., bbls., c.l., works	100 lbs.	5.50	- 5.75
l.c.l.	100 lbs.	6.00	- 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l.	100 lbs.	4.90	- 5.05
import, cnks.	100 lbs.	4.90	- 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd.	lb.	.10½-	.11½
l.c.l., dlvd.	lb.	.11	- .12
tanks, dlvd.	lb.	.09½-	.10
cns., works	lb.	.15	- .17
ex pentane, dms., c.l., frt., alld.	lb.	.10½-	—
l.c.l., frt., alld.	lb.	.11½-	—
tanks, frt., alld.	lb.	.09½-	—
Alcohol (see Alcohol amyl).			
Butyrate, dms., 50 gal., returnable	lb.	.75	- —
Caproate, cns.	lb.	2.75	- —
Chloride, normal, dms., works,	lb.	.55	- —
small lots, works	lb.	.65	- —
mixed, tech., dms., c.l., works	lb.	.07	- —
l.c.l., works	lb.	.077	- —
tanks, works	lb.	.06	- —
Cinnamic aldehyde, cns.	lb.	2.00	- 2.25
Nitrite, bots.	lb.	1.80	- 1.85
Mercaptan, dms., l.c.l., works	lb.	1.10	- —
Oleate, dms., l.c.l., works	lb.	.25	- —
Salicylate, bots., 5 lbs.	lb.	.61	- —
cns., 25 lbs.	lb.	.51	- —
Stearate, dms., l.c.l. works	lb.	.26	- —
Amylene, dms., c.l., works	lb.	.102	- —
l.c.l., works	lb.	.11	- —
tanks, works	lb.	.09	- —
Anethol, bots.	lb.	1.00	- 1.05
Angelica root, dom., bls.	lb.	.18	- .20
import, natural, bls.	lb.	.20	- .22
twisted, bls.	lb.	.29	- .30
Angostura bark, bls.	lb.	.30	- .31
Anilin oil, dms., c.l.	lb.	.15	- —
l.c.l.	lb.	.16	- —
tanks	lb.	.14½-	—
Salt, dms., works	lb.	.22	- .24
Anise, Spanish, bgs.	lb.	.16	- .16½
Star, bgs.	lb.	.14½-	.15
Anisic aldehyde, bots.	lb.	3.00	- 3.10
Annatto paste, bxs.	lb.	.34	- .39
seed, bgs.	lb.	.07½-	.08
Anthracene, 80-85%, bbls., wks.,	lb.	.55	- —
90%, bbls., wks.	lb.	.65	- —
Anthraquinone, 99.5%, subl., bbls.	lb.	.65	- —

CHOOSE THE RIGHT BARIUM SULPHATE FOR YOUR PURPOSES







Witco offers three different grades of Barium Sulphate to cover every need. The high quality and uniformity of each are emphasized here in these unusually clear and revealing micrographs.

The Witco Ground Barytes, one of the finest and most uniform of its type, can be depended upon to give consistently excellent results wherever its use is indicated.

Witco Water Floated Barytes is designed for use in products that demand an even finer average particle size and texture. However, because its cost is but slightly more, many of our customers are now using it in products where the Ground grade was used before. They have found almost invariably that the better results obtained more than offset the slight additional cost. Witco offers cooperation to manufacturers who would like to make similar trials.

For applications that require materials of the highest quality obtainable Witco offers a Blanc Fixe of marked superiority—a Blanc Fixe notable for its fineness of grinding and texture, pure white color, and absence of free alkalinity or acidity.

Test these Witco products. Determine for yourself the advantages they provide. The coupon is for your convenience in ordering samples.

WITCO

WISHNICK-TUMPEER, INC.

Manufacturers and Importers

New York, 295 Madison Avenue • Boston, 141 Milk Street • Chicago, Tribune Tower • Cleveland, 616 St. Clair Ave., N. E. • Harold Wilson & Witco, Ltd., 6 Portman Mansions, Baker Street, London, W. 1, England • Witco Affiliates: Witco Oil & Gas Company • The Pioneer Asphalt Company Panhandle Carbon Company

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WISHNICK-TUMPEER, Inc.
295 Madison Ave., New York, N. Y.

Gentlemen: Please send me a sample of Witco

☐ lbs. Ground Barytes
☐ lbs. Water Floated Barytes
☐ lbs. Blanc Fixe

Name.....

Firm.....

Address.....

City..... State.....

Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot .....lb. .11¾- —
Needle, powd., ton lots, bulk, lb. .12½- —
bbls. .....lb. .13½- —
Oxide, bbls., c.l.....lb. .11½- —
l.c.l. .....lb. .12¾- —
Salts, 65%, kgs.....lb. .20 - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .11¼- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .30 - .31
Root, bls.....lb. .37 - .38
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08¾
bbls. .....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs.....lb. .23 - .24
powd., bbls., bxs.....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¾- —
smaller lots, f.o.b. N. Y.lb. .03¾- —
AA, bgs., 20 tons, f.o.b. N.Y. lb. .08¼- —
smaller lots, f.o.b. N. Y..lb. .10¼- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.z., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.00 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.60 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06¼- —
N. Orleans refinery....gal. .06 - —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.85 - 2.95
cns.....oz. 2.75 - 2.80

B

Balm of Gilead buds, bgs.....lb. .20 - .21
Barberry bark, bgs.....lb. .19 - .20
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
90% thru, 200, mesh bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms.....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
Zone 2, bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis, ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12½
Fluosilicate, bbls.....lb. .11½- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¾
Iodide, bots.....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks.....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Barium, sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs.....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.93 - —
Los Angeles .....ton. 44.00 - —
New York .....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 - —
southern off color, bulk, mines. ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .82½- .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .12½- .14
Root, bls.....lb. .12 - .14
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
tankcars, W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms.....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms.....lb. .89 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns. .....lb. 16.75 - —
Sulphate, cns. .....lb. 16.75 - —
Berberis root, bls.....lb. .14 - .15
Betanaphthol, sublm., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .10 - .17
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs. .....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib., dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.62 - 1.88
fib. dms.....lb. 1.53 - 1.56
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.98
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib., dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., l., frt. alld. E. lb. .09¼- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E...lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07¼- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E..lb. .06¼- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10¼- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l, dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
4, cs., c.l., works.....lb. .29 - —
l.c.l., dlvd. .....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
Black, carbon, standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .03¼- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .03½- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .03¾- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .03¼- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .02¾ - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .03¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works, lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .54 - —
l.c.l., works.....lb. .55 - —
Import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .04¼- —
B, bbls., works or N. Y....lb. .06½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .21 - .22
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton. 55.00 - —
l.c.l. .....ton. 60.00 - —
high grade precip., bgs., c.l., works, frt. equal..ton. 70.00 - —
l.c.l., same basis....ton. 75.00 - —
pulp 66⅔% bulk, c.l., works, ton. 40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.35 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.55 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 3.00 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11½- .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. highed dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.50 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis.....lb. .20 - —
5, bbls., same basis.....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .23 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —

Antimony—Butyl Chloride

Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher: 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 3c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefing root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.65 - —
6-15 bbls., same basis. 100 lbs. 4.75 - —
1-5 bbls., same basis..... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs. 10.00 -10.25
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton. 28.00 -29.00
c.i.f. Atlantic ports.....ton. 26.50 - —
import, bgs., c.i.f., ports..ton. 26.50 - —
meal, steamed, dom., 2% ammon. 50% phos., bgs., f.o.b. Chicago..ton. 25.00 -26.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton. 22.00 - —
phosphate, precip., see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton. 19.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton. 22.00 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .19 - .20
Borax, tech., 99¼%, cryst., bbls., contracts, 80 tons min., dlvd..tons. 58.00 - —
l.c.l., ex whse.....ton. 67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons. 48.00 - —
l.c.l., ex whse.....ton. 57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton. 52.00 - —
l.c.l., ex whse.....ton. 64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton. 48.00 - —
l.c.l., ex whse...ton. 54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton. 56.00 - —
l.c.l., ex whse.....ton. 69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton. 48.00 - —
l.c.l., ex whse.....ton. 59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 90 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 2.25 - 2.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .85 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02½- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis. lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¼- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05¼- —
raw, American, bbls., works. lb. .03¾- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12¼- —
Group 2, bbls., same basis. lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04¼- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0495- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .00
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .32 - .34
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10¼
Burgundy pitch, dom., bbls...lb. .04 - .04¼
Butanes, comi., 16-34°, tanks, group 3..gal. 03¾- —
Butternut bark, bls .....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09 - —
l.c.l., contract, frt. alld..lb. .09½- —
tanks, contract, frt. alld..lb. .08 - —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l. works .lb. 15¼- —
l.c.l., works.....lb. 16¼- .17¼
tanks, works .....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .22 - —

Butyl Crotonate—Dillseed

Butyl, crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22½ - —
Propionate, dms., dlvd.....lb. .16½ - .17
tanks .....lb. .15½ - —
Stearate, dms. .....lb. .28 - —
Butyric ether, bots.....gal. 4.00 - 4.08
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 - —
single jars .....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots. .....lb. 4.01 - —
25-lb. cns. .....lb. 3.87 - —
Lithopone (see Yellow)
Metal, cs. .....lb. .85 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs. .....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more..lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs. .....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more.lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.89 - 2.10
Hydrobromine, bots. .....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .39 - .40
peeled, bls.....lb. .12 - .14
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers. E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots.. jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls. .....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. .85 - —
Sulphocarbolate,bbls.,200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .30 - .35
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.36 - —
Camphor, natural, powd., cs...lb. .50 - .51
slabs, cs.....lb. .50 - .51
tablets, tins.....lb. .55 - .56
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots, lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .04 - .04½
Morocco, bgs.....lb. .04½- .05
Turkish, bgs.....lb. .04½- .04½
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .93
powd., bxs. .....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .06¾- .07¼
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¼- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Carbon, tetrachloride, Zone 1, 52½ gal. dms., c.l..gal. .66½- —
l.c.l. .....gal. .73 - —
5-10 gal., dms., c.l.....gal. .90 - —
l.c.l. .....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., gal. .73 - —
l.c.l. .....gal. .80 - —
5-10 gal. dms., c.l.....gal. .97 - —
l.c.l. .....gal. 1.07 - —
Zone, 3, 52½ gal. dms., c.l., gal. .80 - —
l.c.l. .....gal. .86 - —
5-10 gal. dms., c.l.....gal. 1.03 - —
l.c.l. .....gal. 1.13 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5-10 gal. dms., c.l.....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
tanks .....lb. .04¾- —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.00 - 1.30
decorticated, cs.....lb. .83 - .85
green, bgs.....lb. .53 - .54
Carvol, bots. .....lb. 4.00 - 4.75
Cascara sagrada bark, bulk....lb. .10½- .11
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08¾- .09
5 tons, works.....lb. .10 - —
smaller lots, works.....lb. .11 - —
80-100 mesh, bgs., c.l., dlvd., lb. .09 - .09½
5 tons, works.....lb. .10¼- —
smaller lots, works.....lb. .11½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .09½- —
80-100 mesh, bgs., c.l., duty paid..lb. .10 - —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .15¾- .16¼
broken, bls.....lb. .09¾- .10¼
shortstick, bls.....lb. .12 - .12½
China, rolls, select, bls.....lb. .14 - .14½
broken, extra, bls.....lb. .09½- .10
Saigon, bls.....lb. .15½- .17
Cassia, buds, cs.....lb. .12 - .12½
Cassia fistula, bskts.....lb. .08½- .09½
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.20.00 - —
Catnep leaves, bls.....lb. .17 - .18
Celery seed, French, bgs.....lb. .13½- .14
Indian, bgs.....lb. .11½- .12
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .36 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs...lb. .21 - .26
Roman, bls.....lb. .28 - .32
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river points), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila...ton.22.00 -25.00
powd., cake., l.c.l., ex dock. ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .85 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, bgs., c.l. (30.-000 lbs. min.) works.....lb. .35 - —
2,000 lbs., works.....lb. .37 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equalled..100 lbs. 2.00 - —
Chlorine, liq., multiple unit, 3 or over, wsk., frt. equald., 100 lbs. 2.15 - —
2, works, frt. equaled..100 lbs. 2.40 - —
1, works, frt. equaled..100 lbs. 2.85 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comi, 100-lb. cyls., works..lb. .35 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs. bbls.....lb. .05 - .06
Chrome, cake, bulk, c.l., works, ton.14.00 -15.00
Chrome green (see Green, chrome).
Oxide (see Green, chrome oxide).
Sulphate, pearls, dms..100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, chips, red, bgs., lb. .25 - .26
yellow, bgs.....lb. .24 - .25
quills, broken, bgs.....lb. .17 - .18
long, cs.....lb. .45 - .50
short, bgs.....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .82 - —
large, cns.....100 ozs. .87 - —
powd , cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .52 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .84 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .15¾- .16¾
3 bls.....lb. .15 - .15½
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.65
Clove, Madagascar, bls.....lb. .20 - .20½
Zanzibar, bls.....lb. .20 Nom.
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works.....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. .80 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms.....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
2½%, bbls.....lb. .17½- —
Frt. in., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .15 - .16
Cocoa butter, lump, bgs., c.l..lb. .11¾- .12
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs. .....oz.21.00 - —
Colchicum seed, bgs.....lb. .24 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .28 - ∞
Colombo root, bls.....lb. .07½- .08
Coltsfoot leaves, bgs.....lb. .08 - —
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½- .23
S.A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14½- .15½
20%, bbls. .....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots. .....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .11¼- —
Nitrate, cryst., bbls.....lb. .1660- .1740
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .16¾- .17¾
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
bbls., l.c.l., 25 or over, works..100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0170 Nom.
Coriander seed, Morocco, bgs...lb. .04½- .05
bleached, bgs.....lb. .07¾- .08
Corn sugar, tanners, bbls., c.l., dlvd...100 lbs. 3.15 - —
ex whse.....100 lbs. 3.25 - —
Syrup, 42°, bbls., c.l.....100 lbs. 3.12 - —
43°, bbls., c.l.....100 lbs. 3.17 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more...lb. 1.20 - —
gran., powd., dms., 50 lbs. or more..lb. 1.05 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .20 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .14 - .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs. .....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10 - —
l.c.l., same basis.....lb. .10½- —
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs. .....lb. .30 - .31
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .08 - .08¾
Morocco, bgs. .....lb. **No stocks.**
Culver's root, bls.....lb. .13 - .14
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —

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Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls...lb. .13 - .14
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .07 - .08
English, bbls. .....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls. .....lb. .10 - .12
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, resinate, 75% rotenone, cns..lb.10.00 -11.00
30% rotenone, cns.....lb. 5.50 - 6.50
25% rotenone, bulk, cns....lb. 3.60 - 6.00
15% rotenone, bulk, cns....lb. 2.10 - 4.25
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
Corn, canary, bgs., c.l., f.o.b., Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
Potato, import, bgs.....lb. .07¼- .08
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17- —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
Import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .52 - —
Dibutyl ether (see Ether, butyl).
Dibutyl phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd. .....lb. .19½- —
tanks, dlvd. .....lb. .18 - —
cns., works .....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works .....lb. .17 - —
Monobutylether, dms.. works.lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Digitalis leaves, dms.....lb. .37 - .38
Diglycol laurate.....lb. .23 - —
Oleate, light, bbls.....lb. .21 - —
Stearate .....lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .09 - .09½

Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd. .....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylamine, dms., c.l., dlvd. lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms. .....lb. .24 - —
Dimethylethyl carbinol (see Carbonol).
Dinitrobenzene, bbls, 89° min., lb. .16 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .36
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidine, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .21 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz.84.50 -85.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—

Blue:—
Brilliant blue FCF, cans..lb.12.50- —
1180 Sodium indigo disulphonate, cns..lb.12.50- —

Green:—
Fastgreen FCF, cns.....lb.27.50- —
666 Guinea green B., cns. lb.13.50- —
670 Light green SF, yellowish, cns..lb.17.50- —

Red:—
184 Amaranth, cns.....lb. 2.15- —
773 Erythrosin, cns.....lb.17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau 3X, cns.....lb. 6.75- —

Orange:—
150 Orange I, cns.....lb. 2.90- —

Yellow:—
10 Naphthol yellow S, cns..lb. 2.50- —
Sunset yellow FCF, cns.lb. 2.15- —
640 Tartrazin, cns.....lb. 2.15- —
22 Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.65- —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
56 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U...lb. .52 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
304 Paper yellow.....lb. .82 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .90 - 1.00
518 Direct pure blue 4B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF..lb. .85 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
604 Direct brown 3GO.....lb. .25 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
642 Acid violet.....lb. 1.00 - 3.00
813 Primulin .....lb. .50 - .53
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .25 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—
865 Nigrosin derivatives..lb. .42 - —

Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —

Browns:—
Brown .....lb. 1.35 - —

Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —

Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —

Red:—
78 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —

Yellow:—
16 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin.....lb. .70 - —
Brown:—
351 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet .....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .42 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .97 - —
900 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.00 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .60 - —
281 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
798 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.25 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
81 Amidonaphthol red G. lb. .43 - —
87 Amidonaphthol red 6B. lb. .60 - —
79 Popceau R.....lb. .45 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .53 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A.....lb. .60 - —
Water-soluble:—
Red:—
282 Brilliant crocein 3B..lb. .65 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .68 - —
Yellow:—
10 Naphthol yellow S..lb. .52 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen).
yolk, bbls. .....lb. .67 - .69
Elder flowers, bright, bls.....lb. .20 - .22
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., lixs.....lb. .20 - .21
select, bndls. .....lb. .24 - .25
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls. .....lb. .11 - .12
Ephedrine, tins, 1,000 ozs....oz. 2.15 - —
tins, 100 ozs.....oz. 2.25 - —
Hydrochloride, tins, 1,000 ozs., oz. 1.50 - —
tins, 100 ozs. .....oz. 1.60 - —
Sulphate, cryst., 1,000 ozs....oz. 1.50 - —
tins, 100 ozs. .....oz. 1.60 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots .....lb. 2.50 - —
bbls., c.l. .....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots .....lb. 2.60 - —
kgs., c.l. .....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots .....lb. 2.85 - —
dried, dom., bgs., l.c.l....lb. .08 - .10
Ergot, USP, cns., dms.....lb. 1.25 - 1.30
Eserine, bots. .....oz.42.00 - —
Salicylate, bots. .....oz.33.00 -34.00
Sulphate, bots. .....oz.30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., dlvd.....lb. .24½- —
l.c.l., dlvd. .....lb. .25 - —
cns. .....lb. .28 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. .....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms. .....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. alld.....lb. .066 - —
tanks, frt. alld.....lb. .051 - —
95-98%, dms., c.l., frt. alld.lb. .0685- —
l.c.l., frt. alld.....lb. .0735- —
tanks, frt. alld.....lb. .0585- —
Acetate, N. F., VI, 99%, dms., 400 lbs..lb. .08 - —
cns., 35 lbs.....lb .12 - .13
USP, VIII, 90%, dms., 460 lbs., lb. .07 - —
cns., 35 lbs.....lb. .12 - —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Ethyl, caproate, cns.....lb. 1.00 - —
Chloride, dms. .....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .33 - —
5 and 10 gal. dms., dlvd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 5.25 - —
5 lb. lots.....lb. 5.30 - —
1 lb. lots, cns.....lb. 5.40 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .48 - —
contracts, frt. alld.....lb. .47 - —
100 lbs., frt. alld.....lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .0550
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0650
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .16 - —
l.c.l., dms. .....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethyldinanilin, dms.....lb. .45 - .47½
Ethylorthoparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .08 - .09
Ethylparatoluenesulphonamide..lb. .60 Nom.
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07¾- .08¼
Indian, bgs. .....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs. .....lb. .12 - .13
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .10 - —
smaller lots, works..lb. .11 - —
light, cs., 1,000 lbs., or over, works..lb. .11 - —
smaller lots, works..lb. .12 - —
water white, cs., 1,000 lbs., or over, works..lb. .12 - —
smaller lots, works...lb. .13 - —
Fir balsam, Canada ,cns....gal.10.50 -11.00
Oregon, bbls.....gal. 1.05 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.50.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11¼% ammon., bgs., c.i.f. ports, shipt..ton.48.50 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs...lb. .14 - .14½
Indian, blonde, bgs.....lb. .07 - .07½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton.61.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton.19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 -21.00
imported, 85% not over 5% duty paid..ton.23.50 -24.00
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l. works.....lb. .06½- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .10 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .12½- .14
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .10 - .11
Gall extract, bbls.....lb. .22 - —
Gambier, common, cases.....lb. .06¾ Nom.
plantation, cases .....lb. .08¼- .09
Cubes, Singapore, cases....lb. .08½- .09
Extract, bbls. .....lb. .06½- .09¼
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½- —
65 octane and above, tanks, gal. .06¼- —
California, 54-58, tanks...gal. .06½- .06¾
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04¾
60-62, 390 e.p., bulk, export, gal. .04¾- .04¾
60-62, 400 e.p., bulk, export, gal. .04¾- .04¾
64-66, 375 e.p., bulk, export, gal. .04¾- —
Louisiana-Arkansas, US motor, 62 octane, tanksgal. .04¼- .04½
63-66 octane, tanks....gal. .04½- .04¾
67-69 octane, tanks....gal. .04¾- .05
70-72 octane, tanks....gal. .05½- .05¾

Dimethyl Phthalate—Green

Gasoline, at refinery, Oklahoma-Texas, US motor, 62 octane and below, tanks, gal. .04 - —
third grade, tanks..gal. .04 - —
63-68 octane, tanks....gal. .03¾- —
67-69 octane, tanks....gal. .04¼- —
70-72 octane, tanks....gal. .04¾- —
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03¾- —
18-lb. v.p., tanks.....gal. .02¾- .02¾
22-lb. v.p., tanks.....gal. .02¾- —
26-70 lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks.. gal. .05 - —
65 octane, tanks.....gal. .06½- —
52-56 450 e.p., naphtha, tanks..gal. .04¾- .05
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07½- .08
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .05¾- .06¼
Cochin, lemon, bgs.....lb. .07½- .08
Jamaica, bold, bgs.....lb. .15 - .15½
grinding, bright, bgs....lb. .09¼- .09¾
medium, bold, bgs.....lb. .11 - .11½
Japanese, bgs.....lb. .07½- .08
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb.10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (See Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs. .....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
36/58, bgs., c.l., dlvd....lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
58/82, bgs., c.l., dlvd....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
82/108, bgs., c.l., dlvd...lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251,bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283,bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis. lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12½- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd..lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks .....lb. .08¾- —
for refiners, dms., returnable, tanks, dlvd..lb. .08½- .08¾
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07½- .07¾
Glycol boriborate, dms.....lb. .23 - —
Phthalate, dms.....lb. .39 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots- .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
U.S.P. IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs....lb. .12 - .12½
Goldenseal root, bls.....lb. 2.75 - 2.80
powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .60 - .61
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., amorph., 90% 325 mesh, 65% graphitic carbon bgs., c.l.,works..lb. .02½- —
65% graphitic carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04¾- .05¼
White, trcs.....lb. .05¾- .06
Yellow, trcs.....lb. .04¾- .05½
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07¾- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —

Green, Chrome—Lead, Red

Green, chrome, reduced, C.P., color content, 22-23%, bbls., same basis..lb. .08¼- —
24-25%, bbls., same basis..lb. .08½- —
26-27%, bbls., same basis..lb. .08¾- —
28-29%, bbls., same basis..lb. .09¼- —
30-31%, bbls., same basis..lb. .10 - —
32-33%, bbls., same basis..lb. .11¼- —
34-35%, bbls., same basis..lb. .12¼- —
36-40%, bbls., same basis..lb. .14¼- —
41-45%, bbls., same basis..lb. .15¼ —
46-50%, bbls., same basis..lb. .16¾- —
51-55%, bbls., same basis..lb. .17¼- —
56-60%, bbls., same basis..lb. .17¾- —
61-65%, bbls., same basis..lb. .18¼- —
66-70%, bbls., same basis..lb. .19¼- —
71-75%, bbls., same basis..lb. .20¼- —
Chrome oxide, dom., pure, bbls. lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Chrome, tetrahydroxide, bbls.lb. .35 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .06 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .90 - 1.00
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.85 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.00 - 1.05
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09 - .09¼
white sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white powd., bbls.....lb. .12½- .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .29 - .31
Camphor (see C).
Chicle, prime, 35% moisture, bgs., ton lots..lb. .38 - .39
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .24½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .26½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17½- —
4, pale bold straw, bgs., c.l., same basis..lb. .18½- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05½- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05½- —
17, pale, fingers, bgs., c.l., same basis..lb. .14½- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .06¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¼- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05 - —
unscraped, b g s., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis..lb. .11¾- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust., bgs., c.l., same basis..lb. .03¼- —
nubs, bgs., c.l., same basis..lb. .09¼- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .06 - —
dust, bgs.,c.l.,same basis.lb. .03¼- —
nubs, bgs., c.l., same basis, lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .10½- —
B, bskts.,c.l.,same basis.lb. .10¼- —
C, bskts., c.l., same basis, lb. .09¼- —
CNB, bskts., c.l., same basis..lb. .06 - —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .08 - —
DU, bskts., c.l., same basis, lb. .03¾- —
dust, bskts.,c.l., same basis, lb. .05½- —
Gum, copal, Manila, Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust., bskts., c.l., same basis..lb. .05 - —
spirit-soluble, CBB, bskts., basis..lb. .03½- —
DBB, bskts., c.l., same basis..lb. .07½- —
MA, bskts., c.l., same basis, lb. .05¾- —
MB, bskts., c.l., same basis, lb. .05¾- —
WS, bskts., c.l., same basis, lb. .07½- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¼- —
chips, pale, bskts., c.l., same basis..lb. .03½- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .03¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .07¾- —
split, bgs., c.l., same basis, lb. .13½- —
nubs, bgs., c.l., same basis, lb. .11 - —
Dammar, Batavia, A, cs., c.l., same basis as copal.lb. .20 - —
A/D, cs., c.l., same basis.lb. .14½- —
A/E, cs., c.l., same basis.lb. .12¾- —
B, cs., c.l., same basis..lb. .18½- —
C, cs., c.l., same basis....lb. .14¾- —
D, cs., c.l., same basis...lb. .13½- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .14¾- —
2, cs., c.l., same basis....lb. .10¾- —
3, cs., c.l., same basis....lb. .05¼- —
chips, cs., c.l., same basis.lb. .09¼- —
dust., cs., c.l., same basis, lb. .05¼- —
seeds, cs., c.l., same basis, lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .08¼- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06½
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio,Mich.,Ind.,Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l. .....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l., lb. .07 - .07½
l.c.l., same basis.....lb. .07½- .07¾
Euphorbium, cs. .....lb. .22 - .23
Galbanum, cs. .....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .55 - .60
powd., bbls.....lb. .60 - .65
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis, lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 Nom.
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .42 - .50
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs. .....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .15 - .19
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs. .....lb. .09¼- .09½
Talha, bgs. .....lb. .07½- .08
Thus, bbls. .....lb.14.50 -14.75
Tragacanth, Alleppo 1, cs....lb. 2.40 2.45
2, cs.....lb. 2.30 - 2.35
3, cs.....lb. 1.90 - 1.95
flake, bgs. .....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.90 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white root, powd., bbls lb. .17 - .20
Heloniae root bls.....lb. .55 - .65
Hematine crystals, bbls.....lb. .10 - .30
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .05½- .05¾
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .13 - —
tanks, Group 3.....gal. .08½- —
normal, 88-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .36 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .13 - —
Hematropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.85 - —
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .08¼- .09
Hydrangea root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz. .....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz. .....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls..lb. .03¾- .04
100 vols., cbys., E.ofMiss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..os.18.00 -19.00
Hyoscyamine, bots.....os.15.00 - —
Hydrobromide, bots.....os.15.00 - —
Sulphate, bots.....os.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs. .....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.20 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.35 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .30
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms.....100 lbs. 4.65 - 5.25
150-lb. dms .....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equld..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06¼- .07
djns .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .53 - —
Nitrate, coml., kgs.....lb. .02¾- .06
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, U.S.P., cryst., bbls., 275 lbs..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .20 - —
fib., dms.....lb. .21½- —
kgs. .....lb. .23½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .42 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .061 - —
l.c.l., same terms.....lb. .066 - —
tanks, same terms.....lb. .051 - —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..gal. .40 - —
l.c.l. .....gal. .35 - —
tanks .....gal. .26 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04 - .05

K

Kamala, tins.....lb. .24 - .28
Kaolin (see China clay).
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03½- —
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-49 w.w., bulk..gal. .04¾- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04¾
42-44 w.w., tanks.....gal. .04¼- .04¾
Pennsylvania, 45 w.w., tanks, gal. .04¾- .05
46 w.w., tanks.....gal. .04¾- .05¼
47 w.w., tanks.....gal. .05 - .05½
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans.....gal. .11 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l. ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .42 - .43
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.25 - 7.50
Middlewestern, trcs....100 lbs. 7.15 - 7.25
Neutral, trcs.....100 lbs. 8.25 - 8.50
Western, choice, trcs..100 lbs. 7.20 - 7.30
Compound, trcs.....100 lbs. 9.00 - 9.25
Larkspur seed, bgs.....lb. .27 - .28
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .03¾- .04½
Lavender flowers, ordinary, bls.lb. .26 - .28
select, bls.....lb. .34 - .35
extra select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11¼- —
Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd., E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b.works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .076 - —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., Ida., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .083½- —
Colo., Mont., N. Mex., Wyo..lb. .084½- —
other points.....lb. .087½- —
smaller lots, etc.....lb. .093½- —
Ariz., etc.....lb. .09 - —
Ohio., etc.....lb. .086¼- —
other points.....lb. .083½- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc. lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd., Ala., etc...lb. .083½- —
Ariz., etc.....lb. .086¼- —
Colo., etc.....lb. .093½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .083½- —
Ariz., etc.....lb. .093½- —
Colo., etc.....lb. .09 - —
other points.....lb. .083½- —
93%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0810- —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .083½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .093¼- —
other points.....lb. .083½- —

Lead, red, dry, 98%, Pb_3O_4, bbls., smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls. .....lb. .11½- —
precip., bbls. .....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate)
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy., dlvd., lb. .11¼- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc. lb. .07½- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers..lb. .11¼- —
dealers .....lb. .09¾- —
painters .....lb. .10¾- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi.. lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .06
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio.....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. ....ton. 7.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b., Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08¼
dms., same basis.....lb. .10¼- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08¼- .09¼
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer. gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08¼- —
20-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11¼- —
20-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l.....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .10¼- —
c.l. and l.c.l.....gal. .13 - .14
Zone 6, tanks, dealers.....gal. .07¼- —
20-50 dms.....gal. .09 - .12

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.85 - 2.25
Linden flowers, with leaves, bls.lb. .28 - .30
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.30.00 -30.50
Meal, 34%, dom., bgs.....ton.42.00 - —
Lithargo, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0660- —
dlvd., other points....lb. .0635- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07½- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .06¾- —
smaller lots, same basis..lb. .06¼- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Lithopone, dom., ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .06¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis lb. .06¼- —
Liverwort leaves, bls.....lb. .21 - .22
Lobelia herb, bls.....lb. .11 - .12
Seed, bgs.....lb. .34 - .35
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11¼
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .40 - .45
Lupufin, N.E., tins.....lb. 1.25 - 1.50
Lycopodium, cs.....lb. .93 - .95

M

Mace, Banda, cs.....lb. .50 - .51
Batavia, cs.....lb. .34½- .35
Siauw, 1, cs.....lb. .46 - .47
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots .....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .35 - .45
blue, bls.....lb. .35 - .45
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .17 - .18
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton49.25 - —
l.c.l., 5 tons, works..ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —
Manganese, dioxide, Caucasian, 84-87% bgs., 28-40 tons, wks. ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
300-600 lbs., wks....ton.72.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.30.00 -32.00 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, $MnSo_4$, bgs., c.l., dlvd, South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton.28.00 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs. .....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb. 1.15 - 1.20
commercial, cryst., bbl., ton lots..lb. .49 - —
smaller lots .....lb. .62 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16 - .16½
Tunisan, bls.....lb. .15 - .15½
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs....lb. 3.05 - 3.15
synthetic, tech., cs.....lb. 2.20 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
flb., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs. .....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
flb., dms., 100 lbs.....lb. 3.00 - —
yellow, bots., 5 lbs.....lb. 3.80 - —
cns., 25 lbs.....lb. 3.65 - —
flb., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.31 - —
USP, flb. dms., 50 lbs. or more..lb. 1.83 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
flb., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5-7/8 in.....pkg.22.50 -23.00
3⅜x5-7/8 in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroanilin, kgs. .....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs. ...lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .35.- —
97%, tanks .....gal. .32 - —
95%, tanks .....gal. .31 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

pure, synth, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
Zone 1, frt. alld.....gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .07¼- —
W. of Miss. R.....lb. .08¼- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .07¾- —
W. of Miss. R.....lb. .08¾- —
tanks, dlvd., E. of Miss. R. lb. .06¼- —
W. of Miss. R.....lb. .07¼- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd E. of Miss. R lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks.....gal. .26 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .33 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —

Methyl, acetone, synthetic, l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.25
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 150-lb. cylinders. Prices on the 30-lb cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 2.45 - 3.75
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .35 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06¼- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .90 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Millwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs. works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .04½- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —

Mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16½- —
Millet seed, yellow, bgs.....lb. .0350- .0375
early fortune, bgs.....lb. .0250- .0300
hulled, bxs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l. .....lb. .65 - —

Lead, Red—Monoamylamine

Monochloroben.—Orange Peel

Monochlorobenzene, dms., l.c.l.	lb.	.06	- .08
Monoethanolamine, dms., c.l., works.	lb.	.24	- —
l.c.l., dms.	lb.	.25	- —
tanks	lb.	.23	- —
Monoethylaniliin, dms.	lb.	.77	Nom.
Monomethylamine, dms., c.l., dlvd.	lb.	.65	- —
l.c.l., dlvd.	lb.	.70	- —
Monomethylpara-aminophenol sulphate, dms.	lb.	3.75	- 4.00
Morphine, bots., 5 ozs.	oz.	11.10	- —
cns., 25 ozs.	oz.	10.90	- —
Acetate, bots., 5 ozs.	oz.	9.00	- —
cns., 25 ozs.	oz.	8.80	- —
Ethylhydrochloride, bots. 5 ozs..	oz.	10.75	- —
cns., 25 ozs.	oz.	10.55	- —
Hydrobromide, bots., 5 ozs.	oz.	8.95	- —
cns., 25 ozs.	oz.	8.75	- —
Sulphate, bots., 5 ozs.	oz.	9.00	- —
cns., 25 ozs.	oz.	8.80	- —
Morpholine, dms., 55 gal., l.c.l., works.	lb	.75	- —
smaller containers, works.	lb.	1.00	- —
Mullein flowers, cns.	lb.	.80	- .85
Leaves, bls.	lb.	.07	- .08
Musk, nat., Tonquin, grained, bots.	oz.	21.00	-22.00
pods, caddies, 20 ozs.	oz.	19.00	-21.00
synth., ambrette, cns., 100 lbs., or more.	lb.	3.25	- —
5 lbs. to 75 lbs.	lb.	3.50	- —
1 lb.	lb.	3.65	- —
ketone, cns., 100 lbs. or more.	lb.	3.40	- —
5 lbs. to 75 lbs.	lb.	3.65	- —
1 lb.	lb.	3.80	- —
xylol, cns., 100 lbs., or more,	lb.	1.00	- —
5 lbs. to 75 lbs.	lb.	1.10	- —
1 lb.	lb.	1.25	- —
Musk root, bls.	lb.	.12	- .13
Mustard seed, Bombay, brown, bgs.	lb.	.04¼	- .04¾
California, brown, bgs.	lb.	.06½	- .07
Chinese, yellow, bgs.	lb.	.05¾	- .06½
Danish, yellow, bgs.	lb.	.08	- .08½
Dutch, yellow, bgs.	lb.	.08	- .08½
English, yellow, bgs.	lb.	.09	- .09½
Hungarian, yellow, bgs.	lb.	.08	- .08½
Roumanian, yellow, bgs.	lb.	.05¾	- .06
Myrobalans, J1, bgs., shipt.	ton.	24.00	- —
J2, bgs., shipt.	ton.	17.00	- —
R2, bgs., shipt.	ton.	17.25	- —
Extract, liquid, 25%, bbls.	lb.	.03¾	- .06¼
solid, 50% bbls.	lb.	.04½	- —
powdered, 70% bbls.	lb.	.05	- —

N

Naphtha, Painters' (see Petroleum naphtha V. M. & P.).			
Solvent (see S).			
Naphthalene, crude, dom., 74 deg., bgs., c.l., works.	100 lbs.	2.25	- —
bgs., bbls., l.c.l., works.	100 lbs.	2.50	- 2.60
78 deg., bgs., c.l., works..	100 lbs.	2.50	- —
l.c.l., works.	100 lbs.	2.75	- 2.85
import, bgs., Atl. port.	100 lbs.	1.60	- —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.	lb.	.05¾	- —
50-lb., cs., same basis.	lb.	.06	- —
pkgs. (16 oz.), same basis,	lb.	.06¼	- —
(12 oz.) same basis.	pkg.	.05¼	- —
Chipped, crushed, bbls., same basis.	lb.	.05¼	- —
rice, cryst., powd., bbls., same basis.	lb.	.05¾	- —
Nerolin, cryst., cns.	lb.	1.25	- 1.35
Nickel carbonate, bbls.	lb.	.36	- .37½
Chloride, bbls.	lb.	.18	- .20
Oxide, black, bbls.	lb.	.35	- .38
Salt, bbls.	lb.	.13	- .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.	lb.	.70	- —
10-lb., tins.	lb.	.86½	- —
Nitereake, bulk, works.	ton.	16.00	- —
Nitrobenzene, dbl. dist., dms., c.l.	lb.	.08	- —
l.c.l.	lb.	.09	- —
tanks	lb.	.07	- —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works.	lb.	.28	- —
bronzing, 20, 40, 70 sec. vis., bbls., works.	lb.	.29	- —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works.	lb.	.22	- —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., works.	lb.	.26	- —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works.	lb.	.29	- —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammom., tanks, f.o.b. Atlantic and Gulf ports.	unit-ton.	1.04	- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd.	unit-ton.	2.20	- —
f.o.b. Chemical, Ill.,	unit-ton.	No prices	
East Coast producing points.	unit-ton.	2.50	Nom.
import, bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	2.50	- —
Nitronaphthalene, bbls.	lb.	.24	- .25
Nutgalls, Alleppo, bgs., cs.	lb.	.23	- —
Extract (see Gall extract).			
Nutmegs, 80s, bgs., cs.	lb.	.19	- .19¼
110s, bgs., cs.	lb.	.16¼	- .16¾
West Indian, bgs.	lb.	.10	- .10½
Nux vomica, bls.	lb.	.03¾	- .04
powd., bbls., bxs.	lb.	.06	- .07

O

Oakbark extract, 25% tan., bbls., c.l., wks.	lb.	.03½	- —
l.c.l., bbls., wks.	lb.	.03¾	- —
tanks	lb.	.02¾	—
Ocher (see Yellow).			
Octanes, 100-140° C., mixed, dms., c.l., G.3.	gal.	.12½	- —
l.c.l., G.3.	gal.	.17	- —
tanks, G.3.	gal.	.10½	- —
Octyl acetate, dms., c.l., works.	lb.	.16	- —
l.c.l., works.	lb.	.17	- —
tanks, works.	lb.	.15	- —
Oil, almond, bitter, artif. (see Benzaldehyde).			
natural, bots.	lb.	2.25	- 2.30
s.p.a., bots.	lb.	2.40	- 2.45
sweet, true, exp., cns.	lb.	.62	- .63
Amber, crude, cns.	lb.	.16	- .17
ref'd, cns.	lb.	.50	- .51
Oil, amyris, cns.	lb.	3.00	- 3.25
Angelica root, bots.	lb.	45.00	-52.00
seed, bots.	lb.	70.00	-80.00
Anilin (see A).			
Anise, USP, cns., dms.	lb.	.70	- .75
Apricot kernel, cns.	lb.	.28	- .32
Babassu, tanks.	lb.	.06½	Nom.
Bay, W. I., 50-55% phenols, cns.	lb.	1.20	- 1.25
55-60% phenols, cns.	lb.	1.30	- 1.35
Bergamot, artif., cns.	lb.	1.25	- 1.30
natural, coppers.	lb.	3.65	- 3.85
Betula (see Oil, sweet birch).			
Birch (see Oil, sweet birch).			
Birch tar, crude, dms.	lb.	.16	- .17
rectified, cns.	lb.	.60	- .65
Bois de rose, Brazil, cns.	lb.	1.55	- 1.60
Cayenne, cns.	lb.	1.50	- 1.75
Cade, USP IX (see Oil, juniper tar).			
Cajeput, tech., dms.	lb.	.42	- .45
USP IX, cns.	lb.	.48	- .50
Calamus, cns.	lb.	5.50	- 6.00
Camphor, sassafrassy, cns.	lb.	.28	- .30
dms.	lb.	.25	- .27
white, cns.	lb.	.26	- .27
dms.	lb.	.23	- .24
Cananga, native, cns.	lb.	1.25	- 1.30
rectified, cns.	lb.	1.80	- 1.85
Capsicum (oleoresin), N. F. VI, cns.	lb.	2.00	- 2.05
Caraway, USP, cns.	lb.	1.80	- 1.85
Cardamom, bots.	lb.	15.00	-27.00
Cassia, USP, cns., dms.	lb.	.95	- 1.00
l.c.l.	lb.	.12	- —
Medicinal, bbls., c.l.	lb.	.09¾	- —
l.c.l.	lb.	.10½	- —
cns. (1-gal.), l.c.l.	lb.	.13¼	- —
dms. (returnable), c.l.	lb.	.09½	- —
l.c.l.	lb.	.10¾	- —

Castor medicinal (5-gal.),

l.c.l.	lb.	.11½	- —
tanks	lb.	.09	- —
No. 3, bbls., c.l.	lb.	.09¼	- —
l.c.l.	lb.	.10	- —
dms. (returnable), c.l.	lb.	.09	- —
l.c.l.	lb.	.09¾	- —
tanks	lb.	.08½	- —

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l.	lb.	.06¾	- .06¾
l.c.l.	lb.	.07½	- .08⅜
75% (63% fat), dms., c.l.	lb.	.08⅞	- .09⅜
l.c.l.	lb.	.09⅞	- .10⅜
80% (68% fat), dms., c.l.	lb.	.09⅜	- .10⅜
l.c.l.	lb.	.10⅜	- .10⅞
Cedarleaf, cs.	lb.	.63	- .68
dms.	lb.	.56	- .58
Cedarwood, Oregon, cns., dms.	lb.	.28	- .30
Southern, cns., dms.	lb.	.18½	- .23
Celery, bots.	lb.	7.50	- 8.75
Chaulmoogra, USP, cns., 500 lbs.,	lb.	.72½	- —
25 lbs.	lb.	.75	- —
Chinawood, dms.	lb.	.15	- .15¼
tanks	lb.	.14½	- .14⅝
Cinnamon, Ceylon, bots.	lb.	8.50	-25.00
Seychelle, bots.	lb.	6.50	- 7.50
Citronella, Ceylon, cns.	lb.	.34	- .35
dms.	lb.	.32	- .33
Java, cns., dms.	lb.	.29	- .31
Clove, makers, USP, cns.	lb.	.98	- —
dms.	lb.	.95	- —
Coconut, Manila, crude, tanks,	lb.	.03¼	- —
Pac. Cst.	lb.	.02⅝	- .02¾
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.08¼	- —
l.c.l.	lb.	.08¾	- —
tanks	lb.	.07¼	- —
Cod, Newfoundland, shipt., untanked.	gal.	.29	Nom.
Norwegian, shipt., bbls.	gal.	.25	- .26
Codliver, med., U.S.P., Norwegian, bbls.	bbl.	25.00	-26.00
Coriander, bots.	lb.	13.50	-20.00
Corn, crude, tanks, works.	lb.	.06¼	- .06⅜
refd., bbls.	lb.	.09	- .09¼
Cottonseed, dom., cooking, bbls.	lb.	.08¾	- —
salad, bbls.	lb.	.09	- —
Import, Brazilian, semi-refd., bulk.	lb.	.0430	Nom.
Creosote (see C).			
Croton, USP, cns.	lb.	1.30	- 1.35
Cubeb, USP, cns.	lb.	2.50	- 2.75
Crude (see Petroleum, crude).			
Cumin, bots.	lb.	6.75	- 7.00
Cypress, dom., bots.	lb.	5.25	- 5.30
import, cns.	lb.	12.00	-12.25
Degras (see D).			
Diesel, Bayonne, bulk.	bbl.	1.75	- —
California, 24 plus, bulk.	bbl.	1.55	- —
Dill seed, bots.	lb.	2.70	- 3.00
weed, bots.	lb.	3.75	- 3.80
Dip (see D).			
Erigeron, cns.	lb.	2.40	- 2.55
Eucalyptus, cns.	lb.	.35	- .37
dms.	lb.	.33	- .35
Fennel, sweet, cns.	lb.	1.10	- 1.15
Fuel, bunker, California, tide-water.	bbl.	.90	- —
Gulf Coast.	bbl.	.85	- .90
Louisiana, Arkansas, 10-14,	bbl.	.85	- 1.00
N. Y. and N. J. terminals:—			
Monday	bbl.	.95	- —
Tuesday	bbl.	.95	- —
Wednesday	bbl.	.95	- —
Thursday	bbl.	.95	- —
Friday	bbl.	.95	- —
Saturday	bbl.	.95	- —
North Texas, 18-22.	bbl.	.80	- .85
24-28, zero cold test.	bbl.	1.10	- 1.15
Oklahoma, 18-22.	bbl.	.85	- .90
24-28, zero cold test.	bbl.	1.07½	- 1.12½
24-28, 15 and above.	bbl.	.90	- .95
Pennsylvania, 36-40.	gal.	.04	- .04¼
Furnace, Bayonne, 1, bulk, refinery.	gal.	.06	- —
2, bulk, same basis.	gal.	.04½	- —
4, bulk, same basis.	gal.	.04½	- —
Louisiana - Arkansas, 32 - 36, light straw.	gal.	.03¼	- .03¼
Oklahoma, 28-30.	gal.	.03	- —
32-36	gal.	.03⅝	- .03¾
36-38	gal.	.03¾	- .03⅞
38-40, straw.	gal.	.03⅞	- .03⅞
38-40 zero, 60 e.p.	gal.	.03¾	- .04
Fusel (see F).			
Gas, Bayonne, bulk.	gal.	.04	- —
Gulf Coast, bulk.	gal.	.03½	- —
North Texas, bulk.	gal.	.02⅞	- .03
Oklahoma, bulk.	gal.	.02⅞	- .03
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.	lb.	2.85	- 3.50
Bourbon, cns.	lb.	2.35	- 2.85
Turkish (see Palmarosa).			
Grapefruit, cns.	lb.	1.90	- 2.00
Grapeseed, dms.	lb.	.40	- .60
Ginger, dist., bots.	lb.	5.35	- 5.50
Guaiac wood, concrete, bots.	lb.	2.65	- 3.30
Haarlem, import., bots.	gruss	3.15	- 3.25
Halibut-liver, dms.	1,000 A unit gal.	.75	- 1.00
Hemlock, cns.	lb.	.60	- .65
Juniper berry, USP, cns.	lb.	1.10	- 1.30
Wood, tech., cns.	lb.	.45	- —
Juniper tar, USP XI, 1,000 lb. dms.	lb.	.39	- .40
cns.	lb.	.41	- .44
Oil, lard, common, 1, bbls.	lb.	.09	- —
2, bbls.	lb.	.08¾	- —
extra, bbls.	lb.	.09¾	- —
1, bbls.	lb.	.09¼	- —
Winter, strained, extra, bbls.,	lb.	.09½	- —
prime burning, bbls.	lb.	.10	- —
prime, ined., bbls.	lb.	.09¾	- —
Laurel, bots.	lb.	6.25	- 6.50
Lavandin, cns., 25 lbs.	lb.	1.95	- 2.05
Lavender flower, French, 50% ester, cns.	lb.	4.50	- 4.75
38-42% ester, cns.	lb.	3.25	- 4.25
35-38% ester, cns.	lb.	2.75	- 3.00
30-32% ester, cns.	lb.	2.00	- 2.25
garden, cns.	lb.	.42	- .45
spike, Spanish, tech., cns.	lb.	1.05	- 1.10
dms.	lb.	.95	- 1.10
Lemon, Calif., cns.	lb.	2.50	- —
Messina, coppers, cns.	lb.	3.10	- 4.00
Lemongrass, native, cns., dms.,	lb.	.34	- .36
Lime, dist., Mexican, cns.	lb.	3.15	- 3.20
West Indian, cns.	lb.	3.25	- 3.30
expressed, cns.	lb.	6.75	- 7.00
Linaloe wood, cns.	lb.	1.25	- 1.30
Linseed, boiled, bbls., c.l.	lb.	.0890	- .0910
l.c.l., 5 or more.	lb.	.0930	- .0950
less than 5.	lb.	.0970	- .0990
tanks	lb.	.0830	- .0850
double boiled, bbls., less than	lb.	.0990	- .1010
raw, bbls., c.l.	lb.	.0850	- .0870
l.c.l., 5 or more.	lb.	.0890	- .0910
less than 5.	lb.	.0930	- .0950
tanks	lb.	.0790	- .0810
Lovage, bots.	lb.	41.25	-60.00

Lubricating, at refinery (including U. S. tax 4c. per gal.):—

California, green, 70, 80, 100, vis., dms.	gal.	.20	- —
140 vis., dms.	gal.	.25	- —
green, pale, 750, 900 vis., dms.	gal.	.26	- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26	- —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½	- —
15-25 pour, tanks.	gal.	.17½	- —
150-160 D, color, 4½ 0-10 pour, tanks.	gal.	.20	- —
15-25 pour, tanks.	gal.	.19	- —
150-160 E. color 5½, 15-25 pour, tanks.	gal.	.18½	- —
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.23	- —
200-210 E. 15-25 pour, tanks.	gal.	.22	- —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13	- —
180 vis., 3 color, tanks,	gal.	.14	- —
4 color, tanks.	gal.	.13½	- —
200 vis., 3 color, tanks,	gal.	.14½	- —
4 color, tanks.	gal.	.14	- —
250 vis., 3 color, tanks,	gal.	.15½	- —
4 color, tanks.	gal.	.15	- —
280 vis., 3 color, tanks,	gal.	.16½	- —
4 color, tanks.	gal.	.16	- —
300 vis., 3½ color, tanks,	gal.	.17	- —
350 vis., same basis.	gal.	.17½	- —
400 vis., same basis.	gal.	.18	- —
500 vis., same basis.	gal.	.18½	- —
600 vis., same basis.	gal.	.19	- —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Penn., bright, 600 cold test, 10-15 pour, tanks.	gal.	.13	- —
cylinder, 600 fire, tanks,	gal.	.08	- —
600 flash, tanks.	gal.	.09½	- —
630 flash, tanks.	gal.	.13	- —
635 fire, tanks.	gal.	.08½	- —
650 fire, tanks.	gal.	.09	- —
Warren, E, amber, tanks,	gal.	.11	- —
neutral, 150 vis., 3 color, tanks.	gal.	.13	- —
180 vis., 3 color, tanks.	gal.	.14	- —
200 vis., 2 color, tanks.	gal.	.15	- —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.20½	- —
unfiltered, 600 s.r.	bbls., f.a.s.	gal.	.15½	- —
600 flash, s.r., bbls., c.l.,	gal.	.17	- —
630 flash, bbls., c.l., f.a.s.,	gal.	.20½	- —
unfiltered, Warren, E, bbls., c.l., f.a.s.	gal.	.20	- —
smaller lots, f.o.b.	gal.	.21	- —
Mace, dist., cns., dms.	lb.	1.20	- 1.25
Mandarin, superior, coppers.	lb.	5.75	- 6.00
Menhaden, crude, tanks., f.o.b. Balto.	gal.	.32	Nom.
refd., alkali, dms.	lb.	.0760	- —
tanks	lb.	.0700	- —
blown, dms.	lb.	.0760	- —
kettle-boiled, dms.	lb.	.0860	- —
light, pressed, dms.	lb.	.0700	- —
tanks	lb.	.0640	- —
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP, cns.	lb.	1.65	- 1.70
dist., natural, bots.	lb.	8.50	- 9.00
expressed, bbls.	gal.	.65½	- .70
Neatsfoot, 20° cold test, bbls.,	lb.	.15½	- —
extra, bbls.	lb.	.09¾	- —
1, bbls.	lb.	.09	- —
pure, bbls.	lb.	.11¾	- —
prime, bbls.	lb.	.09½	- —
sulphonated, common, 25% moisture, dms.	lb.	.10½	- —
Neroli, bots.	lb.	85.00	- 140.00
Nutmeg, USP, cns., dms.	lb.	1.20	- 1.25
Officica, dms.	lb.	.10¾	- .11¼
Oleo, 1, bbls.	lb.	.08¼	- —
2, bbls.	lb.	.07½	- —
Olibanum, bots.	lb.	5.00	- 5.25
Olive, denat., bbls.	lb.	.94	- .95
edible, bbls.	gal.	1.75	- 2.00
foots, bbls.	lb.	.07¼	- .07¼
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11¼	- .12
l.c.l.	lb.	.12½	- .13
75% (63% fat), dms., c.l.	lb.	.13¼	- .14
l.c.l.	lb.	.14½	- .15
80% (68% fat), dms., c.l.	lb.	.14½	- .15
l.c.l.	lb.	.15½	- .16
Orange sweet, dist., cs.	lb.	.50	- —
expressed, African, cns., dms.	lb.	.80	- .85
Calif., cns.	lb.	.75	- —
Messina, USP, coppers.	lb.	2.25	- 3.25
West India, cns.	lb.	1.75	- 1.85
Origanum, cns.	lb.	.90	- 1.60
Orris, Florentine, concrete, extra strong bots.	oz.	4.75	- 5.50
Palm, Niger, casks.	lb.	.08¾	- .08¾
shipment	lb.	.08	- —
softs, 12½%, bulk, shipt.	lb.	.0290	- —
20%, bulk, shipt.	lb.	.0280	- —
Sumatra, shipt., bulk.	lb.	.02¾	Nom.
Palmarosa, cns.	lb.	2.00	- 2.25
Palmkernel, bulk, shipt.	lb.	.0340	Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼	- —
330° flash, 70-80 vis., tanks, G. 3.	gal.	.05½	- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12	- —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14	- —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾	- —
Patchouli, bots., cns.	lb.	3.75	- 4.10
Oil, peanut, crude, dom., tanks.	lb.	.06¾	- .06½
refd., edible, bbls.	lb.	.09¼	- .09¾
Pennyroyal, dom., cns.	lb.	2.10	- 2.15
import, cns.	lb.	1.90	- 2.00
Peppermint, natural, cns., dms.,	lb.	2.15	- 2.45
redist., USP, cns., dms.	lb.	2.35	- 2.66
Perilla, dms.	lb.	.09¾	- .09¾
tanks	lb.	.0920	- —
Petitgrain, Paraguay, cns.	lb.	.80	- .85
Pimento berry, cns.	lb.	3.35	- 3.65
leaf, cns.	lb.	2.30	- 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.50	- .52
steam-dist., dms.	gal.	.50	- —
tanks	gal.	.54	- —
Pineneedle, Siberian, cns.	lb.	.95	- 1.00
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22¾	- —
contracts	gal.	.18½	- —
Whiting, Ind.	gal.	.25	- —
dms., c.l., Bost., Provid.	gal.	.25	- —
l.c.l., same basis.	gal.	.27	- —
tanks, same basis.	gal.	.18	- —
Martinez, Cal.	gal.	.28	- —
Rapeseed, blown, bbls.	lb.	.14	- .14½
denat., bbls.	lb.	.80	- .82
Red, dist. or saponif., bbls., dlvd.	lb.	.07⅞	- .08¼
dms., dlvd.	lb.	.07¾	- .08¼
tanks, dlvd.	lb.	.07	- .07½
white, dms.	lb.	.10¾	- .11¼
Rose, artif., bots.	oz.	2.00	- 8.00
natural, coppers.	oz.	5.25	-22.50
Rosemary, Spanish, cns.	lb.	.56	- .75
dms.	lb.	.51	- .70
Rosin, 1st rectfd., dms.	gal.	.45	- —
2d rectfd., dms.	gal.	.47	- —
3d rectfd., dms.	gal.	.51	- —
Rue, bots.	lb.	3.95	- 4.00
Sage, cns.	lb.	1.50	- 1.55
Sandalwood, E.I., USP, cns.	lb.	4.75	- 4.80
Sardine, crude, tanks, Pac. Cst.	gal.	.28½	- Nom.
refd., alkali, dms.	lb.	.0760	- —
tanks	lb.	.0700	- —
kettle-boiled, dms.	lb.	.0860	- —
light, pressed, dms.	lb.	.0700	- —
tanks	lb.	.0640	- —
Sassafras, artif., cns.	lb.	.36	- .37
dms.	lb.	.34	- .35
natural, cns., dms.	lb.	.90	- 1.00
Savin, cns.	lb.	1.60	- 1.65
Savory, cns.	lb.	2.00	- 2.25
Sesame, refd., dms.	lb.	.10½	Nom.
Shingle stain, bbls., c.l., wks.	gal.	.19	- —
l.c.l., works.	gal.	.21	- —
tanks, works.	gal.	.14	- —
Snakeroot, Canada, cns.	lb.	9.50	-10.00
Soybean, dom., crude, dms.	lb.	.0610	- .0650
tanks	lb.	.0550	- —
refd., dms.	lb.	.0730	- .0770
tanks	lb.	.0670	- —
Spearmint, USP, cns.	lb.	1.70	- 1.75
Sperm, bleach, 38°, dms.	lb.	.0900	- .0920
45°, dms.	lb.	.0830	- .0850
natural, dms.	lb.	.0780	- .0800
Spruce, cns., dms.	lb.	.80	- .85
Sweet, birch, North, cns.	lb.	2.25	- 2.50
South, cns.	lb.	1.85	- 2.00
Tall, crude, dms., c.l., works,	ton.	45.00	- —
l.c.l., works.	ton.	50.00	-65.00
tanks, works.	ton.	35.00	- —
refined, dms., c.l., works.	lb.	.05¼	- —
l.c.l., works.	lb.	.06	- —
tanks, works.	lb.	.05	- —
Tallow, acidless, bbls.	lb.	.08¾	- —
tanks	lb.	.08¼	- —
Tansy, cns.	lb.	6.75	- 7.00
Tar, comi, dms., c.l. dlvd., E. cities.	gal.	.25	- .26
E. ports.	gal.	.26	- —
l.c.l.	gal.	.26	- —
tanks, dlvd. E. cities.	gal.	.30	- —
rectfd., USP, bbls., dlvd., E. ports.	gal.	.55	- —

Tar acid (see T).

Teaseed, crude, dms.	lb.	.09	Nom.
Tea Tree (see Oil, ti tree).			
Thyme, NF, red, dms.	lb.	.86	- 1.25
white, dms.	lb.	.85	- 1.45
Tung (see Oil, chinawood).			
Ti tree, cns.	lb.	2.40	- 2.90
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns.	gal.	4.25	- 5.00
Valerian, bots.	lb.	3.00	- 6.25
Vetiver, bots.	lb.	3.50	-16.00
Walnut, crude, dms.	lb.	.13	- .13¼
refd., dms.	lb.	.14	- .14½
Whale, refd., natural, dms.	lb.	.0770	- .0780
winter, bleach, dms.	lb.	.0810	- .0830
Wheat germ, phar., cns., dms.	gal.	22.50	-30.00
feedstuff, cns., dms.	gal.	17.50	-25.00
White, mineral, dms., tech., 50-60 vis., dms.	gal.	.40	- —
65-75 vis., dms.	gal.	.42	- —
80-90 vis. dms.	gal.	.43	- —
USP, 80-90 vis., dms.	gal.	.46	- —
95-105 vis., dms.	gal.	.53	- —
125-135 vis., dms.	gal.	.60½	- —
140-150 vis., dms.	gal.	.64	- —
175-185 vis., dms.	gal.	.68¼	- —
200-210 vis., dms.	gal.	.70½	- —
320-330 vis., dms.	gal.	.76	- —
335-345 vis., dms.	gal.	.77	- —
Russian, 80-90 vis., dms.	gal.	.46	- —
145-155 vis., dms.	gal.	.64½	- —
175-185 vis., dms.	gal.	.68¼	- —
335-345 vis., dms.	gal.	.77	- —
Wintergreen, natural, North, cns.	lb.	4.00	- 8.00
South, cns.	lb.	3.05	- 3.75
synth (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	2.00	- 2.25
Wormwood, cns.	lb.	3.25	- 3.30
Ylang-ylang, Bourb., bots., cns.,	lb.	3.00	- 3.50
Manila, bots.	lb.	18.00	-24.00
Olivine, aggregate, c.l., mines,	ton.	5.00	- 8.00
Lumps, same basis.	ton.	7.00	- —
Spalls, same basis.	ton.	5.00	- —
ground, 200 mesh, c.l., mines,	ton.	15.00	- —
20 mesh to dust.	ton.	10.00	- —
Opium, USP, cns.	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd., cns.	lb.	12.50	-13.50
Orange, Lake, Persian, bbls., lb.		.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10½	- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
Colo., Mont., N. M., Wyo.	lb.	.10¾	- —
Other points	lb.	.10¼	- —
smaller lots, dlvd., Ala., etc.	lb.	.11	- —
Ariz., etc.	lb.	.11½	- —
Colo., Mont., N. M., Wyo.	lb.	.11¼	- —
Other points	lb.	.10¾	- —
French, Tours, casks, ex dock,	lb.	.13½	- —
kgs., ex dock	lb.	.14½	- —
Molybdate, bbls.	lb.	.31	- —
Toner, bbls.	lb.	.80	- —
Orangeflower petals, cs.	lb.	.33	- .35
Orange peel, bitter, bls.	lb.	.08	- .09
sweet, bls.	lb.	.13	- .14

Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .85 - .90
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroaniiin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .82 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
Orthodichlorobenzene, l.c.l., same basis..lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniiin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls.....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 2.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.20 - 1.25
Paprika, Hungarian, extra fancy, bgs..lb. .37 - .38
medium, bgs.....lb. .35 - .37
Spanish, extra fancy, cs.....lb. .50 Nom.
Para-aminoacetanilide, kgs.....lb. .85 Nom.
Parachlorophenol, dms.....lb. .45 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l.....lb. .12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0230- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0235- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03¾- —
loose, c.l.....lb. .0355- —
125-127 A.m.p., bgs., c.l..lb. .0390- —
loose, c.l.....lb. .0370- —
128-130 A.m.p., bgs., or loose, c.l..lb. .04 - —
131-133 A.m.p., bgs., or loose, c.l..lb. .0435- —
133-135 A.m.p., bgs., or loose, c.l..lb. .0465- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs., or loose, c.l..lb. .08½- —
refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcare is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02⅝
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., dlvd..lb. .16 - —
5 and 10 gal. dms., dlvd.. lb. .17 - —
USP, cs. cbys.....lb. .37 - .45
Paranitroaniiin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls.....lb. .07½- .08
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls.....lb. .16 - .17
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls.....lb. .14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Alleppy, bgs....lb. .08 - .08¾
Lampong, bgs.....lb. .04¾- .04¾
Tellicherry, bgs.....lb. .08¾- .09
Red, chillies, Japan, 1, bgs..lb. .22 - .22½
Mombassa, bgs.....lb. .23 - .23½
White, Java, Muntok, bgs....lb. .07¼- .07⅝
Saigon, bgs.....lb. .07 - .07½
Peppermint leaves, dom., bls..lb. .23 - .24
import, bls.....lb. .45 - .46
Peru, balsam, dms.....lb. .65 - .70
Petrolatum, amber, bbls., c.l..lb. .02¾- .02¾
l.c.l.....lb. .03¾- .03¾
extra, bbls.....lb. .02¾- .03
l.c.l.....lb. .03¾- .04⅛
cream (see white, cream).
green (see red).
red, veterinary, bbls., c.l.....lb. .02¼- —
l.c.l.....lb .03¾- .06⅛
lily, bbls., c.l.....lb. .05¼- —
l.c.l.....lb. .06¾- .07½
snow, bbls., c.l.....lb. .06¼- —
l.c.l.....lb. .07¾- .09¼
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .98
Athens.....bbl. .84 - 1.00
Belridge.....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.33
Canal-Greely.....bbl. .91 - 1.68
Coalinga.....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez.....bbl. .79 - 1.00
East Coyote.....bbl. .70 - .96
Elk Hills.....bbl. .70 - 1.33
Elwood Terrace, f.o.b. ship. bbl. 1.28 - 1.43
El Segundo.....bbl. .80 - 1.21
Huntington Beach.....bbl. .78 - 1.22
Inglewood.....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview.....bbl. .70 - 1.35
Lost Hills.....bbl. .70 - 1.18
McKittrick.....bbl. .70 - —
Midway-Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello.....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.30

Petroleum, crude, bulk, at wells:—
Newhall.....bbl. .70 - —
Orcutt.....bbl. .70 - .93
Olinda Brea.....bbl. .76 - 1.27
Playa del Rey, f.o.b. pipeline.....bbl. .80 - 1.16
Richfield.....bbl. .76 - 1.09
Rosecrans.....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Maria.....bbl. .63 - .70
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence.....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier.....bbl. .76 - .96
Wilmington.....bbl. .75 - 1.21
Canada:—
Oil Springs.....bbl. 1.97 - —
Petrolia.....bbl. 1.90 - —
Central West:—
Illinois.....bbl. 1.05 - —
Lima.....bbl. .90 - —
Midland (Mich.).....bbl. 1.12 - —
Princeton.....bbl. 1.05 - —
East Texas.....bbl. 1.10 - —
Gulf Coast:—
Barber's Hill.....bbl. .79 - 1.16
Batson.....bbl. .74 - 1.04
Dayton.....bbl. .95 - 1.41
Esperson.....bbl. .79 - 1.16
Goose Creek.....bbl. .79 - 1.28
Hull.....bbl. .74 - 1.04
Humble.....bbl. .74 - 1.04
Liberty.....bbl. .79 - 1.16
Markham.....bbl. .90 - 1.29
Orange.....bbl. .79 - 1.16
Pettus.....bbl. 1.29 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. .79 - 1.88
Saratoga.....bbl. .74 - 1.04
Sour Lake.....bbl. .74 - 1.04
Spindle Top.....bbl. .74 - 1.04
Sugarland.....bbl. .79 - 1.28
West Columbia.....bbl. .79 - 1.28
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.12 - —
Kentucky river.....bbl. 1.20 - —
Western Kentucky (Owensboro)..bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .73 - 1.05
Caddo.....bbl. .73 - 1.05
Cameron Meadows.....bbl. .74 - 1.13
Choctaw.....bbl. .74 - 1.20
Cotton Valley.....bbl. .73 - 1.05
Darrow.....bbl. .74 - 1.20
De Soto.....bbl. .73 - 1.05
El Dorado.....bbl. .73 - 1.06
Haynesville.....bbl. .73 - 1.05
Homer.....bbl. .73 - 1.05
Iowa.....bbl. .74 - 1.13
Lockport.....bbl. .74 - 1.13
Miller County.....bbl. .73 - 1.05
Pine Island.....bbl. .73 - 1.05
Rainbow.....bbl. .73 - 1.05
Rodessa.....bbl. .73 - 1.05
Smackover.....bbl. .73 - —
Tepetate.....bbl. 1.03 - —
Urania.....bbl. .89 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco.....bbl. No prices
Tuxpan.....bbl. No prices
Midcontinent:—
North Texas.....bbl. .51 - 1.10
Oklahoma-Kansas.....bbl. .63 - 1.10
Pennsylvania, Ohio West Virginia:—
Bradford-Allegany....bbl. 1.68 - —
Corning.....bbl. .97 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.18 - —
Eureka lines.....bbl. 1.28 - —
N. Y. Transit lines. bbl. 1.68 - —
S. W. Penn. lines..bbl. 1.34 - —
lower district in National Transit lines.bbl. 1.56 - 1.61
Rocky Mountain:—
Big Muddy.....bbl. .98 - —
Canon City-Florence....bbl. .90 - —
Cat Creek.....bbl. 1.10 - —
Dutton Creek.....bbl. .86 - 1.10
Elk Basin.....bbl. .90 - —
Fort Collins-Wellington. bbl. .81 - 1.05
Frannie, light.....bbl. .45 - .52
Grass Creek, light.....bbl. .90 - —
Iles.....bbl. .92 - .96
Lance Creek.....bbl. .77 - —
Lander.....bbl. .51¼- —
Midway.....bbl. .86 - 1.10
Rock Creek.....bbl. 1.00 - —
Salt Creek.....bbl. .86 - 1.10
Sunburst.....bbl. 1.20 - —
Torchlight.....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County.....bbl. .73 - 1.05
Cleveland-Liberty.....bbl. 1.14 - —
Conroe.....bbl. 1.27 - —
Darst Creek.....bbl. .96 - —
Hardin-Liberty.....bbl. 1.00 - 1.02
Luling.....bbl. .87 - —
Lytton Springs.....bbl. .99 - —
Mirando (incl. Duval).... bbl. .74 - 1.33
Panola County.....bbl. .73 - 1.08
Salt Flat.....bbl. .96 - —
Tomball.....bbl. .95 - 1.41
Van.....bbl. .93 - —
West Beaumont.....bbl. .79 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County.....bbl. .72 - 1.06
West Texas:—
Artesia, N. M.....bbl. .61 - .85
Crane.....bbl. .53 - .95
Crockett.....bbl. .53 - .95
Ector.....bbl. .53 - .96
Eddy (N. M.).....bbl. .77 - —
Howard.....bbl. .53 - .93
Jackson, N. M.....bbl. .61 - .85
Lea, N. M.....bbl. .53 - .93
Maljamar, N. M.....bbl. .61 - .85
Mitchell.....bbl. .63 - .94
Pecos.....bbl. .65 - .87
Upton.....bbl. .53 - .95
Winkler.....bbl. .53 - .95
Ether, 30-60° dms., c.l., G. 3.gal .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
laboratory grade, dms., c.l., G. 3..gal. .14 - —
c.l., G.3.....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11¼- —
f.o.b. Richmond....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .12 - .12½
Group 3, tanks.....gal. .07⅝- .07⅝

Petroleum, naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅝- .06⅝
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport.....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .184 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans..gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.....gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
high-solvency, 8, tanks, f.o.b. Bayway..gal. .18 - —
8, tanks, f.o.b. Paulsboro, N. J..gal. .14 - —
30, same basis.....gal. .16 - —
40, same basis.....gal. .14½- —
v.m.&p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅝- .06⅝
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½- —
Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .184 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax.gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11 - —
New York, ex tax.....gal. .10½- .11
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .15.2- —
Solvent, rubber, at refinery, East Coast, tanks..gal. .09½- .10
Group 3 light, 120 i.b.p., 250 e.p., tanks..gal. .06⅝- .06⅝
standard, 180 i.b.p., 288 e.p., tanks..gal. .06⅝- .06⅝
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .05⅞- .06⅛
tankwagon, Boston, ex tax.. gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .181 - —
Des Moines, inc. 4c. tax.gal. .179 - —
Evansville, Ind.,ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax.....gal. .09½- .11½
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09¼- .11¼
Omaha.....gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .12½
St. Louis, inc. 1c. tax..gal. .129 - —
Tulsa, ex tax.....gal. .10 - .11
Thinners, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .13 - —
Portland, Ore.....gal. .16 - —
Richmond.....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond.....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 i.b.p., 500 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond.....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
New Jersey, tanks.....gal. .08½- —
Group 3, tanks.....gal. .05⅝- .05⅝
Tankwagon, tax included:—
Albany.....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13½
25-99 gals.....gal. .13½- .15½
Boston.....gal. .13 - —
Bound Brook, North Amboy, N. J..gal. .11½- .13½
Bridgeport, Conn.....gal. .11 - —
Buffalo.....gal. .15 - —
Camden, N. J.....gal. .10 - .12
Chicago.....gal. .162 - —
Decatur, Ill.....gal. .176 - —
Des Moines.....gal. .174 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee.....gal. .188 - —
Minneapolis-St. Paul...gal. .19 - —
Newark.....gal. .09 - .09½
New York (200 gals.)..gal. .09 - —
Omaha.....gal. .131 - .141
Philadelphia.....gal. .10 - .12
Pittsburgh.....gal. .11½- .13½
Providence.....gal. .11½- —
Rochester.....gal. .12 - —
St. Louis.....gal. .142 - —
Syracuse.....gal. .12½- —
Trenton.....gal. .10 - —
Wilmington, Del.....gal. .10 - .12
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15½- .16¾
under 1,000 lbs.....lb. .16¾- .17¼
tanks, works.....lb. .13½- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
Yellow, fib., dms., 2000-lb. lots., lb. .80 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 3.50
Dimethylacetate, cns.....lb.14.50 -15.00
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50

Orris Root—Potash Silicate

Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines, long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs. .....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases.....lb. .23 - .25
oxychloride, cyls.....lb. .15 - .16
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., tons.....lb. .35 - —
single bbls.....lb. .40 - —
kgs. .....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .14 Nom.
Pilocarpine hydrochloride, bots. vls..cs. 2.40 - 2.50
Nitrate, bots., vls.....oz. 2.90 - 3.00
Pimento, bgs.....lb. .14½- .14⅝
Pinkroot, bls. .....lb. .35 - .36
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron..ton.23.75 -24.00
linseed, dms. .....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. .....lb. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls. .....lb. .11 - .12
Podophyllin, dms., dlvd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls. .....lb. .07½- .08
Pomegranate bark, bgs.....lb. .16 - .17
Root bark, bgs.....lb. .32 - .33
Poppy flowers, red, bls.....lb. .70 - 1.00
Seed, Dutch, bgs.....lb. .09¾- .10¼
Polish, bgs.....lb. .09½- .10
Potash abietate .....lb. .09 - —
Acetate, tech., bbls., dlvd..lb. .29 - —
kgs., dlvd. .....lb. .29 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs. .....lb. .30 - —
cns., 25 lbs. .....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs. .....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs. .....lb. .17 - —
Bichromate, spot, c.l., works..lb. .08¾- —
5 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, dlvd.....lb. .0287½- —
USP, gran., bbls., 325 lbs..lb. .13½- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03½- .03¾
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .09¼- .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- .38½
Cyanide, cns., dms.....lb. .50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots....lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guaiacolsulphonate, fib., dms. 100 lbs. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns.... 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots., or cns.....lb. 1.22 - 1.48
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.i.f., ports..ton.12.26 - —
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.i.f. ports.....unit-ton. .53½- —
import, 50% K_2O, bulk, shipt. unit-ton. .53½- —
Metabisulphite, kgs.....lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk. unit-ton. .53½- —
import, all strngths, min. 80% KCl, basis 60% K_2O, bulk, c.i.f. ports.. unit-ton. .53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .20 - .21
tech., bbls.....lb. .25 - .30
Nitrate, crude, bgs., c.i.f. ports. ton.55.00 Nom.
Perchlorate, kgs., works.....lb. .09 - .10½
Permanganate, tech., dms...lb. .13½- .19
Prussiate, red, bbls.....lb. .30½- .34
Yellow, bbls.....lb. .14 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —

Potash Sulphate—Red, Tuscan

Potash, sulphate, NF, cryst., bbls., 400 lbs.	lb.	.13	- —
kgs., 100 lbs.	lb.	.15	- —
powd., bbls., 350 lbs.	lb.	.14	- —
kgs., 100 lbs.	lb.	.16	- —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports	ton.	38.00	- —
l.c.l.	lb.	.18½	- —
Xanthate, dms., c.l.	lb.	.13	- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipg.	ton.	25.75	- —
Potash-titanium oxalate, kgs.	lb.	.35	- .40
Prickly ash bark, bls.	lb.	.12	- .13
Berries, bls.	lb.	No stocks	
Prince's pine herb, bls.	lb.	.21	- .22
Propane, tanks, G.S.	gal.	.03	- —
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	.17	- .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works	lb.	.03	- —
less than 3, works	lb.	.03½	- —
F and 1, bbls., 3 or over, works	lb.	.03½	- —
less than 3, works	lb.	.04	- —
O, O-½, O-¾, and ½, bbls., 3 or over, works	lb.	.04½	- —
less than 3, works	lb.	.04	- —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y.	ton.	32.65	Nom.
l.c.l., 5-29 tons, ex whse.,	ton.	37.70	- —
1,000-10,000 lbs., ex whse.	ton.	38.70	- —
2 bgs. to 1,000 lbs., ex whse.	ton.	40.70	- —
single bgs., ex whse.	ton.	45.70	- —
Pumpkin seed, bgs.	lb.	.09	- .10
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.00	- —
linseed oil, raw, dms.	100 lbs.	4.50	- —
refined, dms.	100 lbs.	5.00	- —
standard, dms.	100 lbs.	3.95	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrum (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand	gal.	5.95	- —
basis (30 to 1) 3.6% pyrethrine 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand	gal.	8.90	- —
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over	lb.	.26	- .27
fine powd. Japan, bbls., ton lots frt. alld.	lb.	.27	- .28
Pyridin, denaturing, dms.	gal.	1.63	- —
refd., 2°, dms.	lb.	.50	- —
Pyrites, Spanish, bulk, c.i.f. Alt. ports	unit-ton.	.12-13	Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins	lb.	2.15	- 2.40
resublimed, fib. dms., tins	lb.	4.60	- —
Pyrophyllite, standard, 200 mesh, c.l. mines	ton.	9.00	- —
325 mesh, same basis	ton.	12.00	- —
No. 3, 200 mesh, c.l. mines.	ton.	7.50	- —
325 mesh, same basis	ton.	10.50	- —
Pyroxlin, scrap, amber, cs., works	lb.	.12	- —
black, cs., works	lb.	.10	- —
China white, ivory, cs., works	lb.	.13	- —
dense white, cs., works	lb.	.10	- —
Pyroxlin, scrap, gray, cs., works.	lb.	.08	- —
mixed, mottles, opaque, cs., works	lb.	.04	- —
shell-demi, cs., works	lb.	.12	- —
translucent pastels, cs., works	lb.	.10	- —
transparent, cs., works	lb.	.20	- —
colors, cs., works	lb.	.12	- —
shavings, amber, cs., works	lb.	.16	- —
colors, mixed, cs., works	lb.	.10	- —
white, cs., works	lb.	.15	- —

Q

Quassia chips, bls.	lb.	.05	- .06
Quebracho extract, liquid, 35% tan, bbls., works	lb.	.03¾	- —
tanks, works	lb.	.02¾	- —
solid, 63%, bgs., c.l., ex dock, plus duty	lb.	.04	- —
clarified, 64%, bgs., c.l., same basis	lb.	.04¼	- —
Queen of the meadow leaves, bgs.	lb.	.07	- .08
Root, bgs.	lb.	.09	- .10
Quercitron, extract, liquid, 51°, bbls.	lb.	.07½	- .08½
solid, dms.	lb.	.10	- .15½
Quicksilver, dom., flasks, (76 lbs. net), dlvd., N.Y.	flask.	77.00	-80.00
import, flasks, (76 lbs. net) in bond	flask.	64.00	- —
Quince seed, bgs.	lb.	.80	- 1.00
Quinidine, cryst., small, cns.	oz.	.90	- —
large, cns.	oz.	.96	- —
powd., precip., cans	oz.	.91	- —
Sulphate, cns.	oz.	.67	- —
Quinine, 100 ozs., cns.	oz.	.76	- —
Acetate, cns.	oz.	.99	- —
Arsenate, cns.	oz.	.99	- —
Arsenite, cns.	oz.	1.01	- —
Bisulphate, cns.	oz.	.54	- —
Citrate, cns.	oz.	.72	- —
Dihydrobromide, bots.	oz.	.75	- —
Dihydrochloride, bots.	oz.	.75	- —
Ethylcarbonate, cns.	oz.	.75	- —
Ferrocyanide, cns.	oz.	1.01	- —
Formate, cns.	oz.	.94	- —
Glycerophosphate, cns.	oz.	1.14	- —
Hydrochloride, cns.	oz.	.68	Nom.
Hydrochlorosulphate, cns.	oz.	.75	- —
Hydroiodide, cns.	oz.	.99	- —
Hypophosphite, cns.	oz.	.99	- —
Phosphate, cns.	oz.	.82	- —
Salicylate, cns.	oz.	.73	- —
Sulphate, U.S.P. X, cns.	oz.	.54	- —
U.S.P. XI, cns.	oz.	.61	- —
Sulphocarbolate, cns.	oz.	.97	- —
Tannate, cns.	oz.	.57	- —
Tartrate, cns.	oz.	.97	- —
Valerate, cns.	oz.	.93	- —
Quinine-urea hydrochloride cns.	oz.	.75	- —

R

R, salt, dry, bbls.	lb.	.55	- —
paste, dms.	lb.	.52	- —
Rapeseed, Belgian, bgs.	lb.	.06¼	- .06½
Dutch, black, bgs.	lb.	.06¼	- .06½
red, bgs.	lb.	.06½	- .07
Japanese, bgs.	lb.	.06	- .06¼
Raspberries, dried, bls.	lb.	.35	- .37
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	1.10	- 1.90

Red, Alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¾c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.85	- —
smaller lots, same basis,	lb.	.90	- —
kgs., ton lots, same basis,	lb.	.90	- —
smaller lots, same basis,	lb.	.95	- —
light shade, bbls., ton lots, same basis	lb.	.70	- —
smaller lots, same basis,	lb.	.75	- —
kgs., ton lots, same basis,	lb.	.75	- —
smaller lots, same basis,	lb.	.80	- —
light-medium shade bbls., ton lots, same basis	lb.	.75	- —
smaller lots, same basis,	lb.	.80	- —
kgs., ton lots, same basis,	lb.	.80	- —
smaller lots, same basis,	lb.	.85	- —
maroon shade, bbls., ton lots, same basis	lb.	.95	- —
smaller lots, same basis,	lb.	1.00	- —
kgs., ton lots, same basis,	lb.	1.00	- —
smaller lots, same basis,	lb.	1.05	- —
medium shade, bbls., ton lots, same basis	lb.	.80	- —
small lots, same basis,	lb.	.85	- —
kgs., ton lots, same basis,	lb.	.85	- —
smaller lots, same basis,	lb.	.90	- —
selenide, bbls., dark, works,	lb.	2.50	- —
light, works	lb.	2.25	- —
Orange, bbls., 100-lb. lots, works	lb.	1.50	- —
Carmine, 40 1-lb. cns., 500 lbs.,	lb.	4.15	- —
dms., 500-lb. lots	lb.	4.00	- —
100-lb. lots	lb.	4.10	- —
Crocus martis (see Red, purple oxide.)			
Eosin toner, bbls.	lb.	1.50	- 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y.	lb.	.08¾	- —
80%-85%, bbls., same basis	lb.	.07¼	- —
Iron oxide (see Red, oxide).			
Lake C toner, bbls., same basis alizarin lake, contracts	lb.	1.25	- —
open order	lb.	1.30	- —
Lithol toner, bbls., same basis, alizarin lake, contrs.	lb.	.68	- —
open order	lb.	.73	- —
Rose lake, bbls.	lb.	.20	- .30
Pink, bbls.	lb.	.15	- .20
Lithol-rubin toner, bbls., same basis alizarin lake	lb.	1.35	- —
Maroon lake, 25%, kgs., same basis alizarin lake conracts.	lb.	.40	- —
Oxide (see Red, purple oxide).			
Mercury oxide, tech., dom., bbls.	lb.	1.36	- —
Metallic, bbls., Pa., works	lb.	.02	- —
Orange, Persian (see O).			
Oxide, pure, bbls., c.l., works,	lb.	.08½	-
l.c.l., works	lb.	.09¼	-
shell, dom., cs., works	lb.	.12	- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.	lb.	.08¼	- —
50% copperas oxide, bbls., same basis	lb.	.07¼	- —
Para, toner, concent., kegs, same basis alizarin lake, contracts	lb.	.75	- —
open order	lb.	.80	- —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y.	lb.	.04½	- .04¾
ex whse., Chicago, St. Louis	lb.	.05¼	- —
San Fran., Los Ang., Portland, Seattle	lb.	.05	- —
Phloxin toner (see Red, Eosin toner)			
Phosphotungstic rhodamine Y, kgs.	lb.	3.90	- —
Purple lake, kegs.	lb.	.60	- 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis	lb.	.03	- —
Toner, kgs.	lb.	1.50	- 2.00
Scarlet ink toner, kgs, same basis alizarin lake	lb.	.50	- —
Lake, kgs., same basis alizarin lake	lb.	.25	- .30
Spanish, oxide, bbls., f.o.b. N.Y.	lb.	.03¾	- .0390
Toluidin toner, kgs., same basis alizarin lake	lb.	1.35	- —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis	lb.	.11	- .40

"I'm sorry, mamma, I thought you said 'panful', not 'handful'."

We all make mistakes but you can never go wrong if you just say

"NIAGARA CAUSTIC POTASH"

You can't go wrong either, on Niagara Caustic Soda and Carbonate of Potash.

NIAGARA ALKALI COMPANY
Niagara
ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.
Affiliated with Electro Bleaching Gas Co., Pioneer Manufacturer of Liquid Chlorine

OIL, PAINT AND DRUG REPORTER

January 23, 1939

RECEIVED
JAN 23 1939

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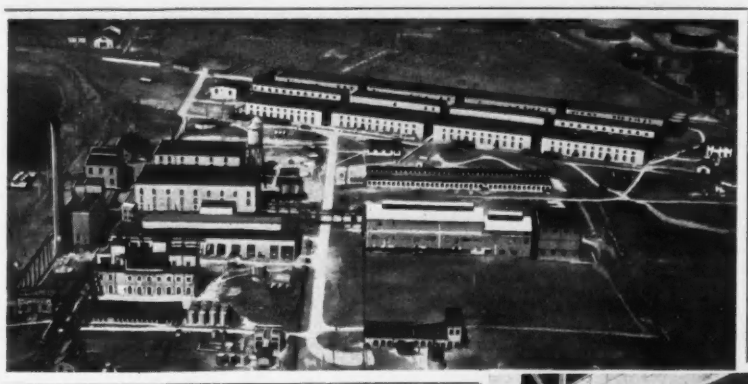
USI ALCOHOL NEWS USI

January ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1939

U.S. INDUSTRIAL CHEMICALS, INC. NEW NAME FOR U.S.I. SUBSIDIARY



EFFECTIVE JAN. 1

Indicates Further Extension Of Activities In Chemical Field

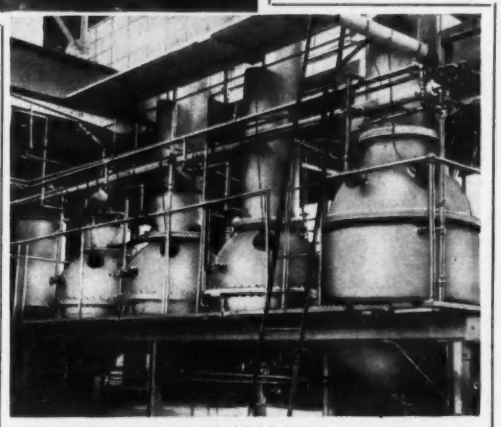
President C. S. Munson announces that since Jan. 1, 1939, all manufacturing and selling activities of the U. S. Industrial Alcohol organization, with the exception of resins, are being conducted by U. S. Industrial Chemicals, Inc., a wholly owned subsidiary, formerly known as U. S. Industrial Alcohol Sales Co., Inc. This change of name designates more accurately the present nature of the U.S.I. organization's business and reflects also its greatly widened scope in the chemical field. The same organization and plant facilities will continue to serve U.S.I.'s customers as before.

Expansion Since 1906

U. S. Industrial Chemicals, Inc., today manufactures widely diversified chemical products and supplies them to virtually every important industry using such chemicals in its processes. The contrast with 1906, when U. S. Industrial Alcohol Co. was organized is sharp. Its sole product then was industrial alcohol. Today the U.S.I. organization manufactures and sells solvents, chemicals, resins, intermediates, anti-freeze, industrial alcohols (pure and denatured), and a vitamin concentrate for stock and poultry feedstuffs.

Upon its incorporation in 1906, U. S. In-

(*Continued on next page*)



SOLVENTS AND CHEMICALS are manufactured by U.S.I. at its 40-acre Curtis Bay, Md., plant (upper left). The aluminum stills pictured above are used in the production of synthetic resins at Newark, N. J. Not shown, but soon to begin production is U.S.I.'s cellulose acetate plant located at Baltimore, Md.

Urges Industrial Alcohol Users to Attend Council Planning Luncheon, Jan. 24

NEW YORK, N. Y.—A luncheon aimed at realization of a "Council of Industrial Alcohol Users" will be held here on Tuesday, January 24, at the Chemists Club, 52 E. 41st St., Captain James P. McGovern of the Industrial Alcohol Institute has announced.

Urging representatives of industrial alcohol users to be present, Capt. McGovern says the meeting will offer an opportunity for discussing a definite program by which a Council may be organized to function in protecting and promoting industrial alcohol throughout the nation.

A "Council of Industrial Alcohol Users" was first broached by Capt. McGovern early in December of last year (see Dec. ALCOHOL NEWS). Reactions of scientific and trade journals to the projected Council have been "uniformly favorable."

Those planning to attend the luncheon are urged to communicate with the Industrial Alcohol Institute, 420 Lexington Ave., New York.

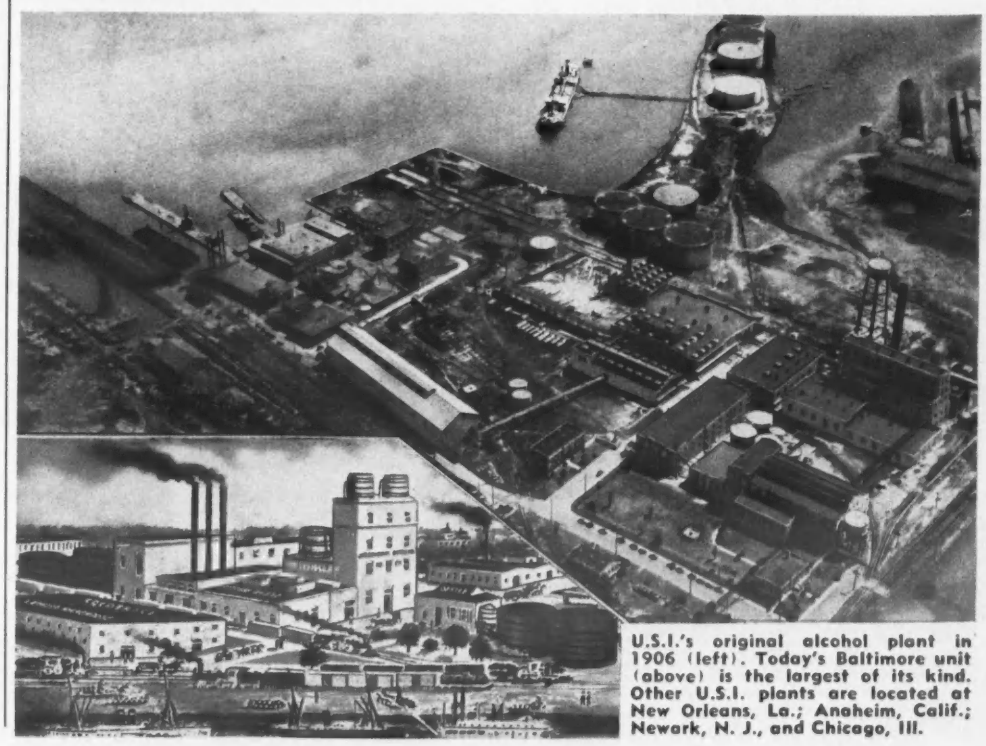
CO_2 Atmosphere Preserves Solutions of Tannic Acid

AMSTERDAM, Holland.—Tannic acid solutions will keep longer if, before sterilization, the air in bottles is replaced by carbon dioxide, P. van der Wielen writes in a recent issue of *Pharmaceutisch Weekblad*.

Sterilization alone is of little value in stabilizing the solutions against the growth of bacteria and molds, van der Wielen claims, because of oxidation (accelerated by alkali dissolved from the glass), color formation, and the presence of deposits.

Relates Taste to Structure

TOKYO, Japan — Taste is related to the stereo-structure of compounds, not to positive or negative optical rotation, experimenters here report. Tests on tyrosine derivatives indicate *d* family compounds have a sweet taste while those of natural or *l* derivatives have a bitter and disagreeable taste.



U.S.I.'s original alcohol plant in 1906 (left). Today's Baltimore unit (above) is the largest of its kind. Other U.S.I. plants are located at New Orleans, La.; Anaheim, Calif.; Newark, N. J., and Chicago, Ill.

ADVERTISEMENT—*This entire page is a paid advertisement.*

January ★ # ALCOHOL NEWS ★ 1939

Syringing With Alcohol Aids In Treatment For Middle Ear Inflammation

COPENHAGEN, Denmark.—For treatment of acute suppurative otitis media; the combination of disinfection and astringent action with improved drainage of the middle ear through syringing with alcohol is not attained by any other agent, Doctor V. Schmidt declares here.

Discussing details of the method which bears his name, Dr. Schmidt states that increasing drainage brings about simultaneous rapid improvement in hearing as well as sharply reduces the necessity for operative treatment. His remarks are published in *Ugeskrift for Laeger*.

33% Alcohol By Volume

The Schmidt treatment for inflammation of the middle ear consists of performing early paracentesis and then applying hot compresses for 24 hours. Syringing with 33% by volume or 27% by weight of alcohol at 37° C. is then begun. A record syringe of from 10 to 20 cc. is used with a rubber disk attached to the cone and held to the external ear.

This treatment, Dr. Schmidt continues, is performed on an average of 6 times a day, although individual cases with a high temperature and a tendency for the paracentesis opening to close may require more frequent daily flushings.

An account of Doctors Schmidt's and Jorgensen's experiences in applying the treatment to several hundred patients is given.

Acetic Acid and Alcohol In Low-cost Shave Lotion

AUGSBURG, Germany—How an inexpensive after-shave lotion can be prepared from acetic acid which neutralizes alkalinity and possesses astringent properties is revealed in an article published here.

It is suggested that 200 parts of glacial acetic acid be mixed with 800 parts of water and later diluted to a 1% solution. Perfuming the initial 20% solution is described as "difficult" but can be done by adding 12 parts of vanillin, 5 of coumarin, 10 of ethyl acetate and 5 of citronella oil dissolved in twice the volume of alcohol, according to the author.

Philadelphia Office Moves

On Jan. 1st, U.S.I.'s Philadelphia Office will move from 401 North Broad St. to 3200 North 17th St. The new phone numbers will be Radcliffe 0220 and Park 2808. J. W. Criss is manager of the Philadelphia Division.

Nail 'Conditioner'

PHILADELPHIA, Pa. Appearing here in a recent issue of *Medical World*, the following formula is recommended to practitioners for women who complain of dry and cracked nails due to nail polish:

	Grams
Triethanolamine	10
White petrolatum	15
White wax	5
Anhydrous wool fat	5
Water	7

Application, the article states, should be made nightly and during the day, if possible.

New U.S.I. Name Indicates Diversity of Activities

(*Continued from preceding page*)

dustrial Alcohol Co. was the pioneer manufacturer of industrial alcohol in this country.

In 1917 U. S. Industrial Chemical Co., Inc., was organized by U.S.I. and immediately entered into the manufacture of acetic acid, acetone, methyl acetate, ethylene, ether and numerous other alcohol derivatives urgently required in the World War by Allied Governments and later by the United States. Today, the U.S.I. organization is the largest manufacturer of industrial alcohol and is also a major producer of chemicals and solvents derived from alcohol.

Entered Resin Field in '38

The most recent major step in widening the chemical activities of U.S.I. was its entry into the resin business. Early in 1938 it acquired the business of Robert Rauh, Inc., a leading manufacturer of synthetic resins, including modified and pure phenolics, alkyds, urea-formaldehydes and ester gums. Later in the same year, U.S.I. acquired Stroock & Wittenberg Corporation, well-known importers of natural resins and distributors of synthetic resins. All of U.S.I.'s resin activities are now conducted by Stroock & Wittenberg Corporation.

U. S. Industrial Chemicals, Inc., is beginning the manufacture of cellulose acetate at a new plant constructed for this purpose at Baltimore, Md.

Los Angeles Office Moves

On Jan. 1st, U.S.I.'s Los Angeles Office will move from 1216 Broadway Arcade Building to the Western Pacific Building, 1031 South Broadway. W. W. Haughey is manager of the Los Angeles Division.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

A new hair lacquer base soluble in water and alcohol, gives a transparent, lustrous coating easily removed with water, an announcement states. Thickness of the coating depends upon dilution, and increasing the alcohol content speeds the drying time, the manufacturer points out. U S I **(No. 170a)**

Automatic blending of face powder free from specks, streaks or runs in three minutes is claimed for a new machine intended to stimulate sales by enabling toilet goods departments to blend "custom-made" powders hygienically. **(No. 171a)** U S I

A new latex adhesive claimed to be effective on waxed and greasy surfaces is now available. Companion products include a quick-setting and nearly colorless waterproof cement with excellent aging qualities for rough surfaces and other varieties for smooth surfaces and protective and waterproof coatings, according to the manufacturer. **(No. 172a)** U S I

Protective packaging for cosmetics, beverages and other products sold in fragile containers, is claimed for Balsa wood, described as very light and resilient. **(No. 173a)** U S I

Hair wave oils said to leave the hair soft, shiny and well waved when mixed in the proportion of 2 to 4 ounces per gallon of wave lotion, are now available. The oils reduce the harsh action of alkalis and aid in the waving operation, according to a recent report. **(No. 174a)** U S I

Removal and re-use without marking the surface is claimed for labels backed with a new non-drying gum said to adhere instantly, without moistening, to fabrics and smooth, non-porous surfaces such as glass, metal, plastics, etc. The labels will withstand exposure to the sun and are non-corrosive, it is claimed. **(No. 175a)** U S I

An inexpensive laboratory oven which will safely and automatically keep micro crucibles, beakers, etc., at temperature from 40°C to 125°C was announced recently. Suggested uses include evaporations, drying crystalline substances, inactivating vaccines, etc. **(No. 176a)** U S I

A completely automatic pH meter not only makes possible continuous visible and recorded indication of pH variations but also operates a controller to maintain, automatically, a desired pH value, according to the manufacturer. Sugar refining, paper and leather manufacture are cited as typical processes aided by this device. U S I **(No. 177a)**

Eau de Cologne formulated in exact accordance with a product long-famous in Havana, is to be introduced into the U. S. shortly, according to an authoritative report. **(No. 178a)** U S I

A dustless vacuum powder filler will fill any shape paper, glass, or tin containers without collapsing them, the manufacturer claims. From 20 to 250 containers per minute can be filled with both sticky powders and free-flowing materials, it is stated. **(No. 179a)**

U.S.I INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., N.Y. U.S.I. BRANCHES IN ALL PRINCIPAL CITIES

A SUBSIDIARY OF U. S. INDUSTRIAL ALCOHOL CO.

ALCOHOLS
Amyl Alcohol
Butyl Alcohol
Fusel Oil—Refined
Isopropyl Alcohol
Methanol

Ethyl Alcohol
Anhydrous
Absolute
C. P. 96%
Pure (190 proof)
Specially Denatured
Completely Denatured
U. S. I. (Denatured Alcohol Anti-freeze)
*Super Pyro Anti-freeze
*Solox Proprietary Solvent

***ANSOLS**
Ansol M
Ansol PR

ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.

KETONES
Acetone, C.P.
Methyl Acetone

INTERMEDIATES
Acetoacetanilid
Acetoacet-o-chloranilid
Acetoacet-o-toluidid
Ethyl Acetoacetate
Para-chlor-o-nitraniline
Sodium Ethyl Oxalacetate

ESTERS, ACETATES
Acetic Ether
Amyl Acetate
Butyl Acetate
Ethyl Acetate
Isopropyl Acetate

ESTERS, PHTHALATES
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

ESTERS, ETHYL
*Diatol
Diethyl Carbonate
Diethyl Maleate
Diethyl Oxalate
Ethyl Chlorocarbonate
*Registered Trade Mark
Ethyl Formate
Ethyl Lactate

ESTERS, BUTYL
Butyl Propionate
Dibutyl Maleate
Dibutyl Oxalate

OTHER ESTERS
Amyl Propionate
Dimethyl Maleate

OTHER PRODUCTS
Collodions
*Curbay Binders
*Curbay X (Dried Curbay)
Ethylene
Nitrocellulose Solutions
Potash, Agricultural
Urethane

Red, Venetian, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0345- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40% bbls., works.....lb. .04 - —
Vermillion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 500 lbs..lb. 1.38 - —
smaller lots.....lb. 1.39 - 1.52
Red dyes are listed under Dyes
Red precipitate, N. F., powd., flb. dms., 50 lbs. or more..lb. 1.61 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP. cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root bgs.....lb. .09 - .16
Rhodinol, bots. .....lb. 5.75 - 6.75
Rhubarb root, cs.....lb. .35 - .37
powd., bbls., kgs.....lb. .40 - .42
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .18¾- —
smaller lots.....lb. .19¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .17¾- —
smaller lots.....lb. .18¼- —
Rose flowers, pale, bls.....lb. .45 Nom.
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .06
Rosin, gum B, bbls., ex dock.
280 lbs. 4.65 - —
D, bbls.....280 lbs. 4.85 - —
E, bbls.....280 lbs. 5.15 - —
F, bbls.....280 lbs. 5.50 - —
G, bbls.....280 lbs. 6.25 - —
H, bbls.....280 lbs. 6.40 - —
I, bbls.....280 lbs. 6.55 - —
K, bbls.....280 lbs. 6.60 - —
M, bbls.....280 lbs. 6.70 - —
N, bbls.....280 lbs. 7.25 - —
W. G., bbls.....280 lbs. 7.50 - —
W. W., bbls.....280 lbs. 8.15 - —
X, bbls.....280 lbs. 8.15 - —
Rosin, wood, bbls.....280 lbs. 4.00 - 5.50
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.22.50 - —
l.c.l., f.o.b. mines.....ton.25.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .18 - .19
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .22 - .23
Saffron, Mexican, bls.....lb. .27 - .28
Spanish, tins.....lb.29.00 -31.00
Safrol, cns. .....lb. .52 - .53
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless....lb. .05¾- .06
garden, bls. .....lb. .06¼- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., flb. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs. .....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N.Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton.15.30 - —
l.c.l., dlvd., N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons..100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo.40.00 -42.00
resale, cns.....lb.19.00 -21.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .38 - .40
Mexican, bls.....lb. .13 - .14
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .18 - .20
Savory, bbls. .....lb. .07¾- .08
Saw palmetto berries, bgs.....lb. .07 - .07¼
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlits mixture, bbls., 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .15½- —
kegs, 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots.....lb. .15¾- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega, root, bls.....lb. .65 - .70
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls.....lb. .08½- .09
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3 bls.....lb. .04¾- .05½
powd., bbls., bxs.....lb. .09 - .10
Pods, bls.....lb. .05½- .06
Serpentaria root, bls.....lb. .70 - .75
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19¼- .20½
Chicago .....lb. .19¾- .20¾
Pacific Coast.....lb. .22 - .23
refd., bbls., f.o.b. N.Y.....lb. .25 - —
dlvd. Boston.....lb. .25½- —
Chicago .....lb. .25¾- —
Pacific Coast.....lb. .28 - —
Garnet, bgs.....lb. .12½- .13
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11 - .11½
dlvd. Chicago.....lb. .11½- .12
Pacific Coast.....lb. .14½- .15
T.N., bgs., f.o.b. Bost., N. Y. lb. .10½- .11
dlvd. Chicago.....lb. .11 - .11½
Pacific Coast.....lb. .13½- .14
Shellac varnish, orange, 5-lb. cut, bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .80 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh., bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, work.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 96-98%, 325 mesh. bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
Silica, amorph., wet-ground, 90%, 325 mesh bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .6464- —
Cyanide, cns., 1,000 ozs.....oz. .39¼- —
500-999 ozs.....oz. .39¾- —
80-499 ozs.....oz. .39¾- —
16-79 ozs.....oz. .42¼- —
Nitrate, vis.....oz. .31½- .33⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls.....lb. .26 - .28
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .16 - .17
Western, bls.....lb. .14 - .17
Skunk cabbage root, bls.....lb. .15 - .17
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09½- .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .11 - —
acetate, anhyd., dms., dlvd..lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd, ...lb. .04½- .05
powd., 90%, dms., c.l., dlvd. lb. .05 - —
l.c.l., dlvd. .....lb. .06¾- —
Alginate, dms. .....lb. .70 - —
Antimoniate, bbls.....lb. .12 - .12¼
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07¼- .09¼
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09¼- .11¼
liquid, 50 gls., dms.....gal. .35 - —
Soda arsenite, dry, gray, prices are ½c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l. .....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louus), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wchita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more. lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y.100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y.100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l., bgs.....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks, or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., wks.....100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
Solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.31 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda sal)
Caustic, flake, 76%, 1. gr. powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
Soda caustic, flake, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran. bbls..225 lbs. .18½- —
cns., 50 lbs.....lb. .20½- —
25 lbs.....lb. .22½- .23½
kgs., 100 lbs.....lb. .19½- —
USP XI, gran., bbls., 250 lbs. lb. .24 - —
cns., 50 lbs.....lb. .26 - —
25 lbs.....lb. .28 - .29
kgs., 100 lbs.....lb. .25 - —
powd., bbls., 250 lbs.....lb. .26½- —
cns., 50 lbs.....lb. .26½- —
25 lbs.....lb. .28½- .29½
kgs., 100 lbs.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila...lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis.lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns. 100 lbs. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd..100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks., 100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots. .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
flb. dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks...100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., Jan.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots..100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N. F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works.....100 lbs. 2.70 - —
l.c.l., works .....100 lbs. 3.10 - —
Picramate, kgs.....lb. .05 - —
Prussiate, yellow, bbls., works, lb. .09½- .10
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd., 100 lbs. 5.10 - —
l.c.l. same basis..100 lbs. 5.35 - —

Red, Venetian—Sulphur

Soda, pyrophosphate, anhyd., bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04½- .04¾
import, bbls.....lb. .04 - .04½
Stannate, dms.....lb. .31½- .34½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .18 - .19
Spikenard root, bls.....lb. .12 - .13
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works.....lb. .01⅛- —
powd., super, bgs, c.l., works. lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01⅛- —
Squawvine leaves, bls.....lb. .11 - .12
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
powd., bgs., f.o.b. Chicago. 100 lbs. 2.70 - 2.90
dlvd., N. Y.....100 lbs. 3.05 - 3.25
Potato, dom., bgs.....lb. .04 - .06
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¼- —
Staveacre seed, bgs.....lb. .14 - .15
Stearin, oleo, bbls.....lb. .06¾- .07
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13½- .14
Seed, bgs. .....lb. .09 - .10
Strontium bromide, flb, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16¾- .17¼
Chloride, bbls. .....lb. .11 - .12¾
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.05 - 1.10
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .66 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .63 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .32 - —
Sucrose octa-acetate, denat., grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.65 - —
flb., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, long ton.17.50 - —
ex vessels, Atlantic seaboard..long ton.20.50 - —
ex vessel, Puget Sound, Columbia River, and British Columbia ports, bulk, long ton.22.00 - —

Sulphur—Yohimbine

Sulphur flowers, bgs., c.l., works, 100 lbs. 3.00 - —
Lots., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
Refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.90 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.20 - —
l.c.l., bgs., works.....lb. 3.20 - 3.60
bbls., works.....lb. 3.55 - 3.95
heavy, bgs., c.l., wks..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3 40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Rubber maker's, com'l, 99½%, c.l., frt. alld...100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l.....lb. .02 - —
l.c.l., dms., works.....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Sumac, grd., Sicilian, bls....ton.66.00 - —
leaf, bales.....ton.70.00 - —
Extract, 42°, bbls.....lb. .05¾- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06¾- .06¾
medium, bgs.....lb. .05 - .05½
poultry, bgs.....lb. .0400- .0430
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
96-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake, type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse...ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls....lb. .06¼ Nom.
extra, loose, works.....lb. .05¾- —
special, loose, works.....lb. .05¼- —
vegetable, ship., cs.....lb. .06½Nom.
sulphonated, 35% (24% fat), dms., c.l..lb. .03¾- .04¼
l.c.l. .....lb. .04¼- .05¾
50% (43% fats), dms., c.l. lb. .05¾- .05¾
l.c.l. .....lb. .06¾- .06¾
50% (48% fat), dms., c.l...lb. .05¼- .06¾
l.c.l. .....lb. .06¾- .07¾
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 3.35 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.35 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.50 & .10
high-grade feeding, bulk, Chicago..unit-ton. 4.00 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, ship.unit-ton. 3.15 & .10
Tansy leaves, bls.....lb. .17 - .18
Tapioca flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .28 - —
Tar, pine, retort, dms., c.l., divd. E. cities..gal. .25 - .26
divd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, divd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .30 - .31
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09½- —
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, btls., wks..lb. 5.00 - 7.00
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .12 - .12½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .44½- .45
Crystals, bbls., kgs.....lb. .36½- .37
Metal, Straits.....lb. .46¾- —
Oxide, bbls.....lb. .50 - .52
Tetrachloride, anhyd., bbls...lb. .23¾- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. pd..lb. .14 - —
Pac. cst., f.o.b. terminals..lb. .15 - —
l.c.l., 5 tons, E. frt. pd. pd..lb. .14¼- —
Pac. cst., ex whse..lb. .15¼- —
1,000-9,999 lbs., E. frt. pd..lb. .14½- —
Pac. cst., ex whse..lb. .15½- —
50-999 lbs., E. frt. pd. lb. .14¾- —
Pac. cst., ex whse..lb. .15¾- —
under 50 lbs., E. frt. pd. lb. .17 - —
Pac. cst., ex whse..lb. .18 - —
bbls., c.l. (20 tons), E. frt. pd..lb. .14¼- —
l.c.l., 5 tons, E. frt. pd. lb. .14½- —
1,000-9,999 lbs., frt. pd. lb. .14¾- —
50-999 lbs., frt. pd....lb. .15 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. pd..lb. .22 - —
Pac. cst., f.o.b., terminal..lb. .23 - —
l.c.l., 5 tons, E. frt. pd. lb. .22¼- —
Pac. cst., ex whse..lb. .23¼- —
1,000-9,999 lbs., E. frt. pd..lb. .22½- —
Pac. cst., ex whse..lb. .23½- —
50-999 lbs., frt. pd....lb. .22¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs., frt. pd. lb. .25 - —
bbls., c.l. (20 tons), E. frt. pd..lb. .22¼- —
l.c.l., 5 tons, E. frt. pd.. lb. .22½- —
1,000-9,999 lbs., E. frt. pd..lb. .22¾- —
50-999 lbs., E. frt. pd.. lb. .23 - —
Pigment, barium, calcium, or magnesium base, c.l., E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal..lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld..lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .36 - —
Tolu, balsam, cns.....lb. .44 - .48
Toluidin, mixed, dms.....lb. .36 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .23 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .28 - .30
root, bls.....lb. .38 - .40
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs., lbs.lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .70 - —
Tributyl citrate, dms., l.c.l., divd..lb. .35 - —
Phosphate, dms., l.c.l., divd., lb. .42 - —
cns., works .....lb. .46 - .48
Tributylamine, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. Zone A..lb. .09 - —
l.c.l., dms.....lb. .090 - —
Zone B, c.l.....lb. .100 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., divd..lb. .40½- .51½
dms., c.l., divd.....lb. .34½- —
500 lbs., divd.....lb. .37½- —
tech., 1, dms., c.l. .....lb. .23 - —
500 lbs., dms.....lb. .23½- —
less than 500 lbs., dms.lb. .26½- .37½
2, dms., c.l. .....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., divd., lb. .45 - —
Triethylenegtycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., divd.....lb. .50 - —
Trimethylamine, dms., c.l., divd., lb. 1.00 - —
l.c.l., divd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.10 - 2.20
Oxide, CP, kgs.....lb. 2.40 - 2.60
Chem. grade, kgs.....lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs..lb. .05½- .05¾
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .30¼- —
l.c.l., 10 ex dock.....gal. .32¼- —
5, ex dock.....gal. .34¼- —
wood, dest., dist., dms., divd, E. cities, ports..gal. .22 - .24
tanks, divd. E. cities....gal. .19 - —
steam-dist., dms., c.l., divd.gal. .25 - —
l.c.l., divd.....gal. .31 - —
tanks, divd.....gal. .21 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y., from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_2 unit. No prices.
Uva ural leaves, bls.....lb. .08¼- .08¾

V

Valerian root, bls.....lb. .10 - .12
Valonia, beards, bgs., shipt..ton.45.00 - —
Cups, bgs., shipt.....ton.30.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 5.00 - 5.50
Mexican, tins.....lb. 5.00 - 5.50
cut, tins.....lb. 4.75 - 5.00
South American, tins.....lb. 4.50 Nom.
Vanillin, ex eugenol, 25-lb. tins, lb. 2.20 - —
5-lb. tins.....lb. 2.25 - —
1-lb. tins.....lb. 2.35 - —
ex guaiacol, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
ex lignin, 25-lb. tins.....lb. 2.10 - —
5-lb. tins..... 2.15 - —
1-lb. tins.....lb. 2.25 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .40 - .41
Tree bark, bls.....lb. .22 - .25
Wattle bark, bgs., shipt.....ton.36.00 -38.00
Extract, bbls.....lb. .04¾- —
Wax, bayberry, import, bgs...lb. .18½- .19
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10.....lb. .19 - .19½
1 bg.....lb. .19½- .20
Brazil, Chile, bgs., 5-10 tons, lb. .22 - .22½
1 ton.....lb. .22½- .23
500 lbs. .....lb. .24 - .24½
100 lbs.....lb. .23 - .23½
refd., slabs, cs., lbs.....lb. .32½- .33
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .29½- .30
5 bgs.....lb. .30 - .30½
1 bg.....lb. .30½- .31
N. C. 2, bgs.....lb. .34 - .35
N. C. 3, bgs., 1 ton.....lb. .30½- .31
5 bgs.....lb. .31 - .31½
1 bg.....lb. .31½- .32
refined, bgs.....lb. .35 - .36
yellow, No. 1, bgs., 1 ton...lb. .39 - .40
5 bgs.....lb. .39½- .40½
1 bg.....lb. .40 - .41
No. 2, bgs.....lb. .38 - .39
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10 - .10¼
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .18 - .21
cakes, cs.....lb. .19 - .22
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.69 - —
dms., 50 lbs., or more...lb. 1.56 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.00
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works..ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Paris white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Whiting, gilders, extra, bgs. (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild Indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .08 - .10
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.75
lithopone, all shades, bbls, 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .80 - —
Chrome, CP, bbls., divd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.27 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A. bbls., works..lb. .06¾- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import..lb. .02475- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York .....lb. .02¾- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle....lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03½- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03½- —
Portland, Seattle....lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- —
from whse. .....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N. Y., lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .04¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .13 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthorisa), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .06 - .06½
Yohimbine hydrochloride, vis..os. 2.50 - 2.65

Z

Zinc acetate, tech., bbls., dvld., lb.	.21	-	—
USP, bbls., 250 lbs. lb.	.27	-	—
kgs., 100 lbs. lb.	.29	-	—
Arsenate, bgs., cs., c.l., dealers, E. of Rockies. lb.	.12½	-	—
c.l., bgs., cs. lb.	.13	-	—
E. of Rockies. lb.	.12½	-	—
W. of Rockies, bgs. lb.	.12½	-	—
Arsenite, bgs., cs., c.l., dealers, l.c.l., bgs., cs. lb.	.13	-	—
W. of Rockies, bgs. lb.	.12⅝	-	—
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.			
Carbonate, tech., bbls. lb.	.14	-	.15
USP, precip., powd., bbls. lb.	.31	-	—
dms. lb.	.36	-	—
kgs. lb.	.33	-	—
Chloride, fused, dms., c.l., works, 100 lbs.	4.25	-	—
l.c.l., works 100 lbs.	4.60	-	—
gran., dms., c.l., works, 100 lbs.	5.00	-	—
l.c.l., dms., works, 100 lbs.	5.75	-	—
USP, 200-lb. dms. lb.	.25	-	—
25-lb. jars. lb.	.31	-	—
solut., dms., wks. lb.	.04½	-	—
tanks lb.	.0226	-	—
Cyanide, kgs., works. lb.	.33	-	—
Dust, bbls., c.l., dlvd. lb.	.06½	-	—
l.c.l., bbls., dlvd. lb.	.07	-	—
Fluoride, bbls. lb.	.20	-	.25
Iodide, N.F., bots. lb.	4.35	-	—
jars lb.	4.20	-	—
Metal (see daily quotations in Market report)			
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd. lb.	.06¼	-	.07½
l.c.l., dlvd., except Pac. cst. lb.	.06½	-	.07¾
ex whse., Pac. cst., lb.	.06½	-	.07¾
bbls., c.l., dlvd. lb.	.06½	-	.07¾
l.c.l., dlvd., except Pac. cst. lb.	.06¾	-	.08
ex whse., Pac. cst. lb.	.06¾	-	.08
leaded, 5%, bgs., c.l., dlvd. lb.	.06¼	-	—
l.c.l., dlvd., except ex whse., Pac. cst. lb.	.06¾	-	—
bbls., c.l., dlvd. lb.	.06¾	-	—
l.c.l., dlvd., except Pac. cst. lb.	.06¾	-	—
ex whse., Pac. cst. lb.	.06¾	-	—
35% bgs., c.l., dlvd. lb.	.06	-	—
l.c.l., dlvd., except Pac. cst. lb.	.06¼	-	—
ex whse., Pac. cst. lb.	.06¼	-	—
Zinc, oxide, dom., Amer., process, leaded, 35%, bbls., c.l., dlvd. lb.	.06¼	-	—
l.c.l., dlvd., except Pac. cst. lb.	.06½	-	—
ex whse., Pac. cst. lb.	.06½	-	—
50%, bgs., c.l., dlvd., except Pac. cst. lb.	.0606	-	—
Pac. cst. lb.	.0612	-	—
l.c.l., dlvd., except Pac. cst. lb.	.0631	-	—
ex whse., Pac. cst. lb.	.0631	-	—
bbls., c.l., dlvd. lb.	.0631	-	—
l.c.l., dlvd., except Pac. cst. lb.	.0656	-	—
ex whse., Pac. cst. lb.	.0656	-	—
French process, com'l, lead-free, bgs., c.l., dlvd. lb.	.06¼	-	.07½
l.c.l., dlvd., except Pac. cst. lb.	.06½	-	.07¾
ex whse., Pac. cst. lb.	.06½	-	.07¾
bbls., c.l., dlvd. lb.	.06½	-	.07¾
l.c.l., dlvd., except Pac. cst. lb.	.06¾	-	.08
ex whse., Pac. cst. lb.	.06¾	-	.08
green seal, bgs., c.l., dlvd. lb.	.08	-	—
l.c.l., dlvd., except Pac. cst. lb.	.08¼	-	—
ex whse., Pac. cst. lb.	.08¼	-	—
bbls., c.l., dlvd. lb.	.08¼	-	—
l.c.l., dlvd., except Pac. cst. lb.	.08½	-	—
ex whse., Pac. cst. lb.	.08½	-	—
red seal, bgs., c.l., dlvd. lb.	.07⅛	-	—
l.c.l., dlvd., except Pac. cst. lb.	.07¾	-	—
ex whse., Pac. cst. lb.	.07¾	-	—
bbls., c.l., dlvd. lb.	.07¾	-	—
l.c.l., dlvd., except Pac. cst. lb.	.08	-	—
ex whse., Pac. cst. lb.	.08	-	—
Zinc, oxide, French process, white seal, bgs., c.l., dlvd. lb.	.08½	-	—
l.c.l., dlvd., except Pac. cst. lb.	.08¾	-	—
ex whse., Pac. cst. lb.	.08¾	-	—
bbls., c.l. lb.	.08¾	-	—
l.c.l., dlvd., except Pac. cst. lb.	.09	-	—
ex whse., Pac. cst. lb.	.09	-	—
import, gold seal, cks., ex whse. lb.	.13	-	.14
green seal, bbls., ex whse. lb.	.10	-	—
white seal, cks., ex whse., lb.	.11	-	.12⅜
USP, bbls., c.l. lb.	.09½	-	—
Palmitate, bbls. lb.	.28	-	.35
Resinate, fused, pale, bbls. lb.	.10	-	—
precip., dms., dlvd. lb.	.16	-	—
Stearate, tech., precip., bbls., ctns., c.l. lb.	.20	-	—
l.c.l., 1 ton. lb.	.21	-	—
1,000-2,000 lbs. lb.	.22	-	—
less than 1,000 lbs. lb.	.23	-	—
U.S.P., bbls. lb.	.21	-	.28
Sulphate, cryst., bgs., c.l. 100 lbs.	2.75	-	—
l.c.l. 100 lbs.	3.50	-	—
bbls., c.l. 100 lbs.	2.90	-	—
l.c.l. 100 lbs.	3.65	-	—
flake, bgs., c.l. 100 lbs.	3.10	-	—
l.c.l. 100 lbs.	3.85	-	—
bbls., c.l. 100 lbs.	3.25	-	—
l.c.l. 100 lbs.	4.00	-	—
powd., bgs., c.l. 100 lbs.	4.35	-	—
l.c.l. 100 lbs.	5.10	-	—
bbls., c.l. 100 lbs.	4.50	-	—
l.c.l. 100 lbs.	5.25	-	—
Sulphide, bgs., c.l. (20 tons), dlvd. lb.	.07⅞	-	—
l.c.l., dlvd. E. or ex whse., Pac. cst. lb.	.08¼	-	—
bbls., c.l. (20 tons), dlvd. lb.	.08⅛	-	—
l.c.l., dlvd. E. or ex whse., Pac. cst. lb.	.08⅜	-	—
Sulphocarbolate, NF, bbls. lb.	.24	-	.26
Zinc-ammonia chloride, dms., c.l., works, 100 lbs.	5.15		
l.c.l., works 100 lbs.	5.50		

Zinc Acetate—Zirconium

Zinc-iron oxide, pigment, bgs., c.l., dlvd. lb.	.03	-	—
l.c.l., dlvd., except Pac. cst. lb.	.05½	-	—
ex whse., Pac. ct. lb.	.05½	-	—
Zirconium nitrate, kgs., works. lb.	3.00	-	4.00
Oxide, crude, 70-75%, grd., bbls., works. ton.	75.00	-	100.00
white, 98%, rgd., kgs., works, lb.	1.30	-	2.00

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the January 2 issue; the next printing will be in the February 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 32.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acid, acetic:—Purchase; Saigon, Indochina (131).

Acid, formic:—Purchase; Saigon, Indochina (131).

Anilin, dyes:—Purchase; Rio de Janeiro (148).

Anilin dyes:—Purchase; Saigon, Indochina (131).

Bentonite:—Purchase; Corbeil, France (151).

Borax, crude:—Purchase; Copenhagen, Denmark (196).

Chemicals, industrial:—Purchase; Rio de Janeiro, Brazil (148).

Cosmetics:—Purchase and agency; Brussels, Belgium (181).

Dentrifices:—Agency; Istanbul, Turkey (134).

Fertilizers: — Purchase; Saigon, Indochina (131).

Glue, bone:—Purchase and agency; Rotterdam, Netherlands (191).

Hexylresorcinol: — Purchase; Liverpool, England (130).

Lacquers, nitrocellulose: — Purchase; Saigon, Indochina (132).

Oils, essential:—Agency; Calcutta, India (133).

Paints:—Purchase; Mexico City, Mexico (190).

Pharmaceuticals:—Agency; Calcutta, India (133).

Plastics, pyroxylin: — Purchase and agency; Cairo, Egypt (201).

Resin, synthetic:—Agency; Santiago, Chile (169).

Soap, toilet:—Agency; Nicosia, Cyprus (195).

Toilet preparations:—Agency; Calcutta, India (133).

Varnishes: — Purchase; Mexico City, Mexico (190).

Wood preservatives: — Purchase; Saigon, Indochina (132).

Chemical Duties Set

Parasulphonamidophenylazo - 7 - acetylamino-1 - oxynaphthalene - 3:6-disulphonate of sodium is dutiable under paragraph 28 of the 1930 tariff act at 45 percent ad valorem and 7 cents per pound, the Bureau of Customs has ruled.

Another recent ruling of the bureau is that metaldehyde (invoiced as "Meta Safe Solid Fuel"), a polymer of acetaldehyde, is dutiable under paragraph 2 of the 1930 tariff act at 6 cents per pound and 30 percent ad valorem.

Aluminum Sulphate: — Netherlands Indies will admit free of duty imports of aluminum sulphate provided the imports are for use in the manufacture of paper or of refined glycerin.

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Behind Some Comparisons

Comparisons of economic conditions in Great Britain and the United States are again being made to show clearly that, in matters of business recovery, as it has frequently been said in respect of various other things, "They order these things better in Britain." The difference is a fundamental one, because the processes insofar as government is concerned have been much the same in both countries. The difference has been largely one of reciprocal attitudes.

It is impossible to say with reference to the relations of government and business, in Britain and in this country, in connection with the planning and effecting of recovery, which party has been more at fault for the failure here and which deserves the greater credit for the better showing there. Some of the developments in a social way that have contributed largely to the greater recuperative power of the British date far earlier than similar undertakings here — and also rate far higher in general regard. This factor cannot be overlooked. Business has opposed remedial measures here which have been accepted as good in Britain. Information is lacking on which to judge the extent to which the manner or form of their presentation affected their acceptance. This also cannot be disregarded. The study of the report on British conditions is a matter of analytical detail.

One thing that is not brought out in the comparisons of British and American results and processes is the practice in Britain of municipalities granting substantial concessions to industries which will locate in their "estates." These developments have done very much to revive industrial activity and, doubtless, to cut industrial costs. They must have confidence behind them, confidence on both sides. But, they must cost the promoters considerable. How can the loss of taxes and that in the low rentals be withstood by the communities? Why is there apparently no squabbling and lawing among districts over efforts to entice industries to certain localities?

There are fundamental reasons in these things also. Comparative costs of local government is one of these. And Great Britain is a national political entity. The United States is not. Comparisons often break down on such basic factors.

Drug Industry Must Prepare

Drug manufacturing in all its branches, drug wholesaling, drug retailing, pharmacy as a profession, and all the various subdivisions of these, all the parts which constitute the drug industry, must become properly and promptly informed in full detail of the plans for a Federal health program. This is going to mean far more in influence upon the future of the industry than all the Federal and State pure drug, true advertising, fair trade, loss leader, antidiscrimination, and other regulatory laws combined.

The part that the drug industry must play in this program must be one combining straightforward advisory functioning in its development and thoroughly planned cooperation in its application. To become prepared for either of these roles the industry must become united in large part for self-preservation but not with a purpose of such self-protection as will set it against the prime objective of better public service.

To an extent the drug industry must ally itself with the medical profession in connection with the movement for improved medical service. The proper measure of this alliance cannot easily be foretold, and difficulty will be encountered in bringing it into practicability. Here again care must be exercised not to allow unwarranted selfishness of either group to invite disaster for both.

Compulsory health insurance is one rock on which different groups variously interested in the medical service for the public will split again and again. At the present time, this aspect has far more political support than professional. The correct answer is not likely to be found on either side alone. The decision will be influenced to a degree by developments in the insurance and tax aspects of other parts of the social security program.

The movement for better medical care for the public will trend in the direction of socialized medicine according to the weight of the influence applied to it. The trend toward governmental medicine, the ultimate degree of socialization, will depend largely on the contributions that the drug industry and the medical profession make to the fundamental formulation of the program. The drug industry must demonstrate an understanding of the movement that is in keeping with the purpose. It must demonstrate its qualifications for a part in the program commensurate with the real, but not well recognized, value of its services. To make these demonstrations successful, the industry must start to prepare now.

—O-P-D—

Industrial Coordination

There are conditions to be met every day in all divisions of industry which present to him who believes in making the most of the potentialities of national resources of materials, money, and men clear reasons that support the desirability of national economic planning. Let it be understood right here that this does not mean governmental planning or even governmentally dictated planning. But, there is much to be gained for business in a better and broader planning by business of its interrelated functionings.

Some indication of the direction in which such planning might practically and profitably be laid may come out of the current economic investigation. Some light may be brought by this investigation to bear on procedure that would make for improvement in business as a whole. It is possible that the phases of the investigation which have particularly to do with monopoly may bring forth a clear recognition that, through a broad coordination of industrial and commercial activities, the evils of integration may be eliminated and the undeniable good of large-scale operating spread widely.

It is not to be questioned that the correlation of the functionings of various productive enterprises and the allocation of particular tasks and products would substantially reduce the cost of competition without necessarily impairing the usefulness of competition as an influence in the service of the consumer. It is true that some restraint in respect of selling prices might be necessary at times, while the technologic bases of competition were being readjusted. This is the reason why coordinating and correlating cartels need governmental supervision. But, no reasonable denial of the necessity for some measure of governmental control of business has ever been made, and it must be recognized that, under present conditions of competition, governmental attempts at regulation, in agriculture and in transportation, for example, do not lower the cost to the public.

What, for example, might be done by industrial coordination toward solving the problem of disposing of oilfield brines? These brines are chemical raw materials, not of a high grade, it must be said, but of value in comparison with the cost of wasting them. They are a material for the production of at least one chemical—hydrochloric acid—which has value in the production of crude petroleum. In such interrelations of wastes and by-products and useful materials there are possibilities which are deserving of study as factors conducive to profitable coordination of industrial enterprises.

—O-P-D—

These Are Good Records

The chemical industries have long been proud of their national ranking in respect of contributions to the gainful employment of workers. Last October's relative position of these industries, the latest available, is shown below. It provides a prideful record and an inspiration for others.

(100 = average for all nondurable manufacturing)

Chemicals, oils, and drugs (including rayon)—	
Hourly wage	127
Workweek hours	103
Weekly earnings	133
Relative wage (1923-25 basis)	113
Employment	114
Payroll total	128
Chemicals—	
Hourly wage	133
Workweek hours	107
Weekly earnings	144
Relative wage (1923-25 basis)	119
Employment	116
Payroll total	137
Drug products—	
Hourly wage	102
Workweek hours	108
Weekly earnings	119
Relative wage (1923-25 basis)	119
Employment	111
Payroll total	133
Paint and varnish—	
Hourly wage	120
Workweek hours	108
Weekly earnings	130
Relative wage (1923-25 basis)	110
Employment	113
Payroll total	124
Petroleum refining—	
Hourly wage	169
Workweek hours	95
Weekly earnings	161
Relative wage (1923-25 basis)	118
Employment	120
Payroll total	142

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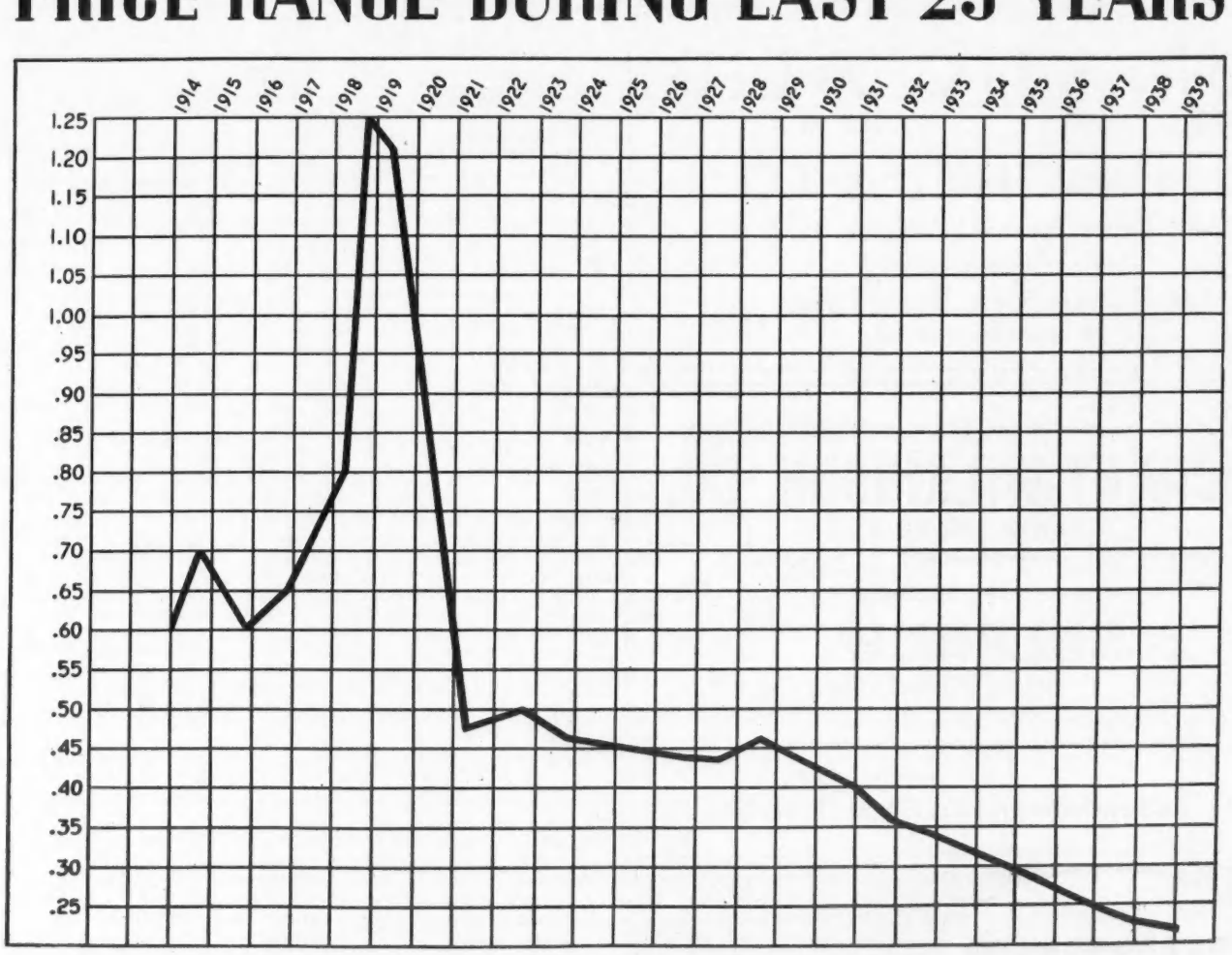
PRICE RANGE DURING LAST 25 YEARS



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Heavy Chemicals

Demand Moderately Active with Replacement Buying Broader —Good Call for Calcium Chloride—Copperas Firm—Alums And Alkalies Move in Steady Volume

Withdrawals of heavy chemicals were moderately active in most divisions of the market last week. Sellers generally reported a satisfactory amount of orders, although most commitments were held to nearby production requirements. Replacement buying was making its appearance in a number of chemicals where consumers had little or no stocks on hand. Business so far in January was reported to be comparing favorably with the preceding month, and much better than the same period a year ago. Price schedules established late last year were unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.2	147.2	147.2	154.5

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Operations in basic manufacturing consuming industries continue to show gradual recovery from the year-end levels. Steel operations were recording modest increases, automotive production expanded moderately; paper, glass, textile and other consuming lines were holding at steadier levels. Alums were taken in moderate volume by the paper, textile and leather industries. A good interest was shown for aqua ammonia in some sections, with tankcar business running well ahead of a year ago. Insecticide manufacturers were making seasonal withdrawals of arsenic and blue vitriol for processing purposes. Calcium chloride moved well for ice control work in many sections where inclement weather prevailed. Demand for chlorine was holding steady. A firm tone prevailed in copperas, with supplies none too abundant. Some good business was reported for Glauber's salt. A good replacement business occurred in nickel salts. Potash salts showed a fairly steady movement. Saltcake was favored by higher operations in the paper and glass industry. Alkalies moved in better volume. Cyanides were spotty. Fair-sized quantities of soda phosphates moved into consuming channels. Soda stannate was well taken by the refrigeration trade. Metals and their derivatives failed to change, and the maintenance of the domestic copper price appeared brighter as the result of curtailment programs announced by some leading producers. Mineral acids were in steady demand. Agricultural insecticides and fungicides continued to mark time.

Alums.—A steady interest was manifest in the market for alumina sulphate, commercial and iron free, ammonia and potash alums. The paper, textile and leather industries provided the principal industrial interest, while the call for water treating purposes was showing stability. Price schedules were fully maintained in all divisions of the market. November imports of alumina sulphate aggregated 311,017 pounds, valued at $2,875, all of which came from Belgium.

Ammonia, Anhydrous.—Contract work has been about completed by most sellers, and withdrawals were expected to get under way in greater volume for the commercial and refrigeration grades as the warmer weather approaches. Quotations were without change.

Ammonia, Aqua.—A good interest for the grade "A" material was reported in some sections, with movement of tankcars in the midwest running well ahead of the same period a year ago. Prices were well sustained in all quarters.

Ammonia Nitrate.—Interest in the market was rather limited at this time, with seasonal conditions largely attributed to the dullness. There was no disposition to alter price schedules, and quotations were unchanged. November imports totaled 224,323 pounds, valued at $3,273, all of which came from Norway.

Ammoniac, Sal.—A fair inquiry was directed in the market from various consuming channels. Moderate withdrawals of the gray and white material were reported moving to the metallurgical, dry battery and textile trades. Quotations were without alteration. November imports totaled 800,922 pounds, valued at $10,929, of which 650,458 pounds came from Germany.

Antimony.—Business was chiefly confined to small lots in the market for domestic antimony metal, spot quotations were unaltered at the 11¾c. per pound level. Transactions in the market for antimony oxide and needle powder were negligible, and quotations were in line with those previously prevailing.

Arsenic. — Insecticide manufacturers were making withdrawals of white arsenic at this time as the active season for insecticides approaches. Business in red arsenic was rather limited, and the tanning trade supplied the bulk of the demand. November imports of white arsenic totaled 1,853,361 pounds, valued at $36,408, while red arsenic imported aggregated 55,753 pounds, valued at $7,306.

Barium Salts.—Movement of barium derivatives was only fair last week. Seasonal conditions retarded movement of some articles, while industrial consumers were displaying only moderate interest. No price changes were disclosed. November imports of barium compounds amounted to 152,226 pounds, valued at $6,698.

Blue Vitriol.—Demand was holding fairly steady in the market, although some seasonal slackening was evident for horticultural purposes. Chemical processors, however, were making commitments in preparation for the Spring season. The call for commercial and water treating purposes was steady. Quotations were without change.

Calcium Chloride.—Shipments were moving to some sections in good volume as the result of the inclement weather. The call for other purposes, aside from the ice control work, was going along at a moderate pace. Prices were well maintained at previous levels.

Carbon Tetrachloride. — A good inquiry was reported in most quarters, with the dry cleaning trade taking moderate size quantities. Price schedules were in conformity with the previous period. Imports of carbon tetrachloride into Canada during the twelve months ending March, 1938, registered an increase in value to $64,592 from $57,622 in the twelve-month period ending March, 1937. Shipments during the three months ending June, 1938, dropped to $8,387 from $10,803 in the corresponding period of 1937.

Chlorine. — Demand was holding steady in the market, with the paper, textile and sanitation withdrawals supplying the bulk of the business. Business in most directions was running ahead of the same period a year ago. Pricewise the market offered nothing new, and quotations previously established were well maintained.

Cobalt Oxide. — The market underwent no price change, and commitments were usually restricted to small quantities. November imports amounted to 65,200 pounds, valued at $91,807, of which 37,200 pounds came from Switzerland; 24,500 pounds from Finland and 3,500 pounds from Germany.

Copper. — Domestic copper dealings continued quiet last week. The announcement that some domestic producers have started a curtailment of

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

primary output strengthened sentiment relative to maintenance of the 11¼c. per pound price. In the foreign market quotations ranged around the 10.25c. per pound level, and business was reported in fair volume. Reports received from abroad were to the effect that additional curtailment of production by the cartel below the 100 percent rate that became effective January 1 would soon take place.

Copperas.—A firm price tone predominated in the market again last week. There was no abundance of material available, although steel operations have shown definite improvement in recent months. Sellers were able to point to a steady demand from most consuming channels. Steel production last week was scheduled at 52.7 percent of capacity, compared with 51.7 percent in the preceding week and 29.8 percent in the corresponding week a year ago.

Fluorspar.—There was very little of importance to relate in the market, demand was chiefly of a routine nature, and quotations were held at the same levels prevailing heretofore.

Glauber's Salt.—Volume of business was moderate in most directions, with some car lot business noted here and there, however, most of transactions were for the lesser quantities, with some consumers content to hold commitments to nearby requirements. Prices ruled unchanged.

Magnesia Silicofluoride. — Consumers were entering the market for necessary quantities to take care of urgent requirements. There was nothing new to report in the prices, and quotations remained steady.

Nickel Salts.—Shipments were moving out at a good pace in some directions, with the need for replacement orders chiefly attributed to the better demand. A steady to firm price tone prevailed.

Phosphorus.—The market for red and yellow phosphorus underwent little change last week, with most consumers content to place orders for nearby needs. Prices were well maintained. Recently published Japanese census statistics show an increase in output of yellow and red phosphorus from 1,549,111 kilos in 1935 to 1,621,788 kilos in 1936, according to the American attache at Tokyo.

Potash Carbonate.—Various grades of material were moving out to the soap, glass and textile trade at a steady pace, although consumers were following a conservative policy as far as quantity was concerned. Pricewise there was nothing of importance to divulge.

Potash, Caustic.—Consumers were entering the market from time to time for fair size quantities, with the textile trade pointed out as showing the most consistent interest. Quotations ruled unchanged.

Potash Chlorate.—Withdrawals for the account of the match trade were held to nearby requirements. Prices for the granular, crystal and powdered material were in conformity with the preceding week.

Potash Permanganate.—Commitments were usually confined to modest quantities throughout the week. Quotations were unaltered, and a steady to firm tone prevailed.

Saltpeter.—Trading in this direction was steady in some lines, while other consumers continued to mark time. On the whole, sellers report demand was about fair. Price schedules were without change.

Saltcake. — Operations in the paper and glass industry continued to show stability, consequently, fair-sized shipments were moving into these channels. Price for the imported and domestic material was unaltered. November imports totaled 10,352 tons, valued at $107,435 of which 9,704 tons came from Germany; 608 tons from Canada and 40 tons from Chile.

Soda Ash.—Interest in the market was rather steady last week, however, volume was not quite up to expectations. Most consumers were placing orders to take care of urgent requirements at this time. There was no change in price schedules.

Soda Caustic.—Sellers were able to point to a slight stepping up in business from most basic consuming industries. Nevertheless, the disposition to order close to production requirements continued to prevail. There was nothing new to report in the price schedules.

Soda Chlorate.—The call for weed-killing purposes was seasonally quiet at this time, and the market moved through another quiet period. Quotations ruled unchanged. November imports amounted to 590,131 pounds, valued at $27,161, of which 330,010 pounds come from France and 260,121 pounds from Germany.

Soda Cyanide.—The call from the automotive trade was spotty at times, and business was being placed on a basis commensurate with operating schedules. Prices were steady to firm. November imports aggregated 1,900,158 pounds, valued at $173,502 of which 1,381,436 pounds came from Canada; 336,022 pounds from Germany; 145,000 pounds from the Netherlands, and 37,700 pounds from France.

Soda Hydrosulphite. — Business was placed on a moderately active scale in most directions last week, with the textile trade supplying a steady call. November imports totaled 26,250 pounds, valued at $3,535, of which 14,480 pounds came from Switzerland, 5,040 pounds from the United Kingdom, 4,180 pounds from France and 2,550 pounds from Germany.

Soda Phosphate. — Usual consumers supplied the call in the market for fair-sized quantities, and volume was regarded as satisfactory for this time of the year. Quotations remained steady.

Soda Silicofluoride. — Quotations for the domestic and imported material were without change last week. Demand came chiefly from the glass and laundry trade for moderate quantities. November imports amounted to 648,375 pounds, valued at $15,716, of which 503,311 pounds came from Denmark, 109,018 pounds from Poland and Danzig, 32,739 pounds from the Netherlands and 3,307 pounds from Germany.

Soda Stannate.—A good demand was displayed in the market, particularly for the account of the refrigerating trade. Quotations held firm at the 31½c. to 34½c. per pound basis, reflecting the firmness in the Straits metal market.

Soda Sulphide.—Trading in the market was largely of a routine character, and quotations were retained at the levels prevailing previously. November imports totaled 252,328 pounds, valued at $5,113, all of which came from Germany.

Soda Sulphite. — Some replacement business made its appearance as consumers' inventories became depleted to account for most of the transactions in this direction. Prices were without change. November imports aggregated 27,558 pounds, valued at $1,254, all of which came from Germany.

Tin Salts.—Quotations for various tin derivatives were firm, and business was moderate in most instances. The firmer tone was attributed to the stability prevailing in the market for the Straits metal, which held around the 46.60c. per pound basis.

Zinc Chloride. — Movement of the fused, granular and solution material was only fair, with most consumers content to purchase conservatively at this time. Quotations were without change.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

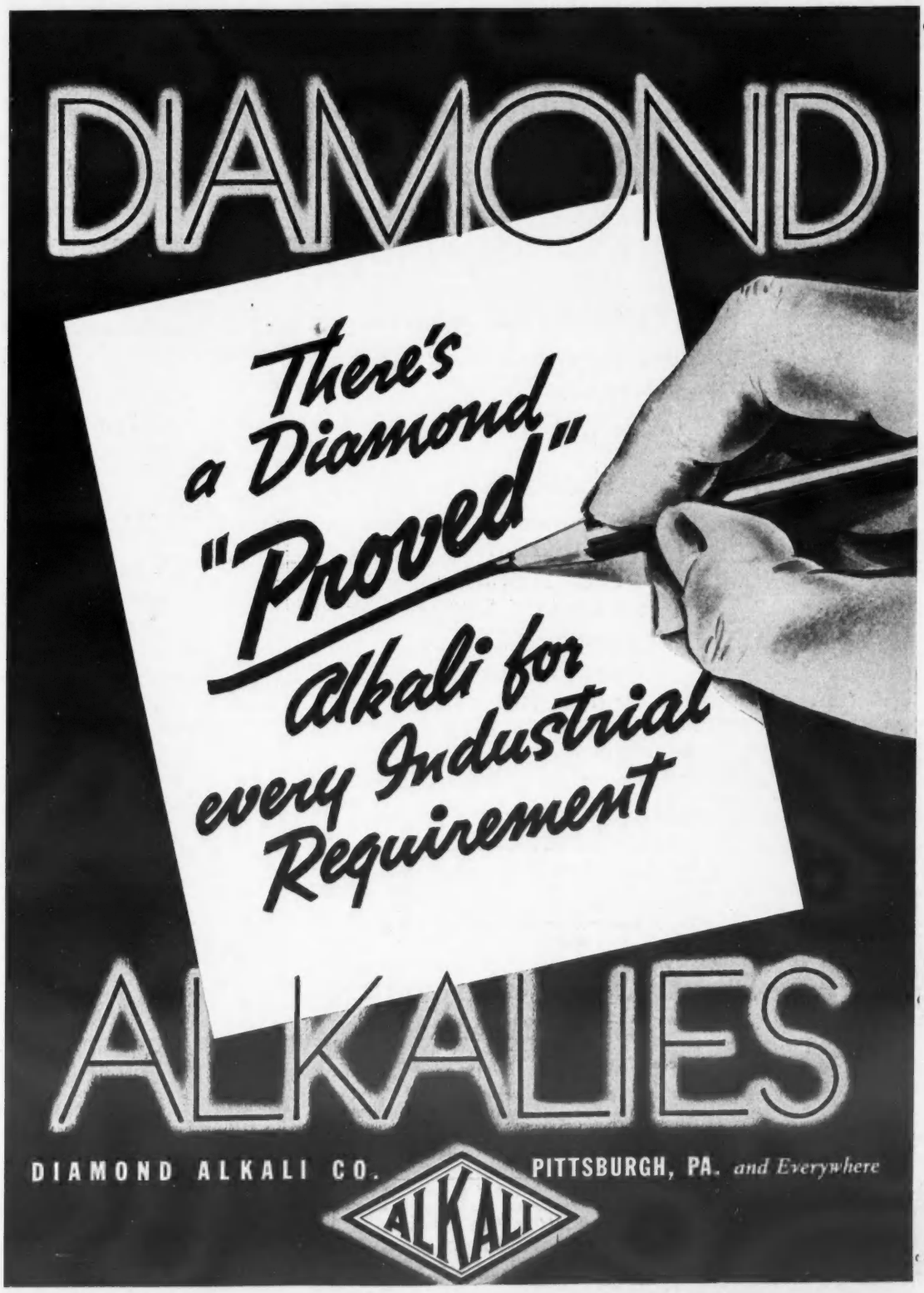
Acids

A steady interest for moderate quantities was the general rule in the market for mineral acids last week. Some manufacturing consumers were making their appearance for replacement orders, and while the volume was not large, it indicated that consumers were following a conservative policy to take care of nearby production requirements. There was no indications that price schedules established earlier in the year would be altered, although from time to time isolated instances of shading were uncovered. Acetic acid was still the most prominently mentioned, with competition continuing keen in this section.

Acetic. — A steady interest was directed in the market from most consuming channels throughout the past week. There was no change in scheduled prices, although considerable competition existed, and shading of quotations in some grades was still taking place.

Battery. — A routine interest was focused in the market, with call coming chiefly from the automotive trade. Quotations were without change.

Chromic.—The call for plating purposes continued moderate in the mar-



ket throughout the week just closed. A steady to firm price tone prevailed.

Formic.—Price schedules were maintained at previous levels. Some quarters reported a slight broadening in demand at this time.

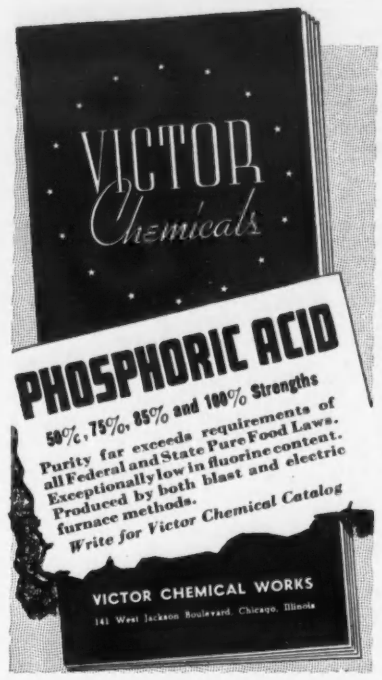
Hydrofluoric. — Business was moderately active in most directions, with some consumers making necessary replacements. No change was reported in the quotations.

Muriatic. — Shipments were moving against contracts at a fair pace. Price-wise the market noted no change.

Nitric. — A fair amount of business was uncovered in the market, although some consumers were still placing orders for nearby needs. Quotations remain unchanged.

Oxalic.—Demand for small quantities provided the bulk of the business, while a few orders for car lot quantities made their appearance. Quotations were without alteration.

Sulphuric. — Demand for various grades of sulphuric acid was moderate. The gradual improvement in operations of some basic consuming industries provided a better inquiry, but actual business was not very heavy. Price schedules were unaltered. A sulphuric acid plant to be built in conjunction with a copper smelter in Sweden will have an estimated annual output of 15,000 metric tons of 100 percent acid.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Are your reservations in for the Annual Drug Trade Dinner to be held March 9, 1939 at the Waldorf-Astoria Hotel?

BALTIMORE, Jan. 18.—The situation with respect to sulphuric acid remains unchanged, with an occasional inquiry coming into the market from a user of acid who finds that he has an unexpected need to take care of, and with the possibility still held out that when once the extreme quiet that has prevailed in the fertilizer trade gives way to a measure of activity it may be found that calculations of buyers of acid were cut too close and that supplementary orders must be placed. Prices held at $12 per ton for 60-degree and $15 per ton for 66-degree acid. Oleum also holds to the old range at $17 per ton for 20 percent supplies.

Insecticides

Activity in the market for agricultural insecticides and fungicides continued quiet. The market will continue to mark time for the next few weeks at least until the season for withdrawals gets underway. In the interim sellers were progressing with their preparations to take care of the seasonal demand. Nothing in the way of new price developments occurred, and schedules were maintained at previously established levels.

Up to the present time grain has usually been stored in Argentina in elevators for only a short time prior to exportation, although the current construction of additional terminal elevators will possibly result in longer storage periods, thus creating a demand for fumigants, according to the American attache at Buenos Aires.

Calcium Arsenate.—Nothing of importance transpired in the market last week, and the dullness which characterized the dealings in recent weeks continuing unabated. Prices were without change.

Lead Arsenate.—Quiet conditions ruled in practically every direction at this time, and the market lacked any development of significance. Pricewise quotations were without alteration.

Import Tax Plans Seek Tax Parity

—Continued from page 5

islation would increase the customs duty by an amount equal to the subsidy, or where there is no duty, assess an amount equivalent to the amount of the subsidy.

The bill also provides that imports containing more than 75 percent of foreign materials in terms of value would be so marked, and the name of the country which has contributed the greatest amount of foreign materials be indicated on the container.

Under the terms of a bill (H.R. 1787) introduced in the house by Representative Alfred J. Elliot of California, the Secretary of the Treasury would be directed to limit the importation of foreign goods which are similar to or comparable with domestic goods to those whose landed costs, including tariff duties, are not less than the cost of production of similar domestic articles.

'Priorities' Discusses Research

How to keep customers dissatisfied constitutes one reason for industrial research, according to an article in the January issue of *Priorities*, published by the Prior Chemical Corporation, this city. Typical examples of other and more important functions of research are given, such as finding uses for waste by-products, improving processes and making use of cheaper materials, all resulting in lower prices or better goods, or both. Some of the wholly new products evolved from research are discussed, as are certain synthetic products which free us from dependence on imports.

Farmer-Manufacturer Meeting To Be Held in Texas Feb. 9

The agricultural committee of the National Association of Manufacturers has been invited to hold a joint meeting with Texas dirt farmers at the Texas Agricultural and Mechanical College, College Station, Tex., February 9-10. The meeting, the first to be held in the South, is one of a series of farmer-manufacturer meetings staged in different sections of the country to give manufacturers a more clarified picture of farm problems. The agricultural committee previously has met at Iowa State College, the University of Minnesota, and Cornell University. No set program of speeches or topics has been arranged. Instead, meeting will be thrown open from the start for free discussion of any topics of mutual interest.

H.L.Derby Discusses Chemical Industry Outlook

—Continued from page 3

passing, because I am firmly of the belief that our country with its foundation resting upon a wisely drawn constitution cannot long be held back. Our extensive natural resources, our favorable and diversified climate, our geographic location, and the spirit of our people are definite guarantees of progress, and the courage which created this nation and which has carried it on to its present heights will continue to meet any emergency.

Should a war involve this nation—and I pray that it will not—I believe that our industry would be found prepared to meet the requirements of national defense. Certainly there is no comparison between 1916 and 1939, so far as plant facilities, diversity and quality of products, and trained personnel are concerned.

Harry L. Derby

Employment Relations

Throughout the period of 1930 to 1936 the chemical industry had one of the best records of stability of employment and it has experienced a minimum of labor unrest. I think it somewhat of a tribute to management that, in the main, cordial labor relations are maintained; and the industry takes justifiable pride in its wage standards. It is becoming increasingly apparent that during the transitional period in labor relations sanity is asserting itself, and I think management as well as labor is today using increasingly better judgment.

There are some no doubt who still prefer that there be no laws regulating this important relationship, but I for one, believing as I do in the principle of collective bargaining, am convinced that much good may result from an intelligent and cooperative acquiesence to the obligations imposed on the employer by governmental requirements, and I believe my views are shared by the majority in our industry.

Labor is also coming to realize its responsibilities and that the greatest advantages to employer and employees result from a mutual understanding of the problems of both and the willingness to cooperate to the end that the employer may be able to profitably operate his factories and sell his goods, and thereby make his contribution to the national economy.

Gilmann and Zametkin Join Quaker Chemical Products

Dr. Henry H. Gilmann has joined the research staff of the Quaker Chemical Products Corporation, Conshohocken, Pa. Dr. Gilmann was formerly chief chemist, for five years, for the City Chemical Corporation, New York, and former technical director of Glyco Products, Inc., New York. He will confine his work to leading technical development in resin finishes of all types, organic detergents, wetting agents and other organic synthesis, serving the textile and metal industries.

Robert Zametkin has joined the technical development staff of the company. He was for four years in charge of the laboratory and dyeing at the Pilgrim Piece Dye Works, and later was plant chemist with the Congress Piece Dye Works, Paterson, N. J. He will devote his time to the practical development of products created in the laboratory and at the same time act in a technical capacity servicing the trade in the metropolitan area.

Jacob Bloch Retires From Lavanburg Company

Jacob Bloch, who for fifty-two years has been selling Lavanburg colors to the paint trade in the Chicago district, has retired from the sales organization of the Fred L. Lavanburg Company, Brooklyn, the stock control of which company was recently acquired by H. Reichhold, president of Reichhold Chemicals, Inc., Detroit. The sale and distribution of the Lavanburg line of colors in the Chicago area will hereafter be supervised by George E. Cortiss, who worked with Mr. Bloch for approximately thirteen years.

A partial list of the nationwide Lavanburg sales agents and representatives for 1939 follows:—

Boston, N. S. Wilson & Sons, 150 Causeway street; Chicago, George E. Cortiss, 7040 Calumet avenue; Cincinnati, Wm. J. Deeks, 717 First National Bank building; Cleveland, R. H. Coerdt, 642 Terminal Tower building; Kansas City, Mo., Abner Hood Chemical Company, 507 North Montgall avenue; New York, Fred L. Lavanburg Company, 105 Bedford street, Brooklyn, New York; Philadelphia, Pa., G. A. Olson, 1700 Walnut street building; Pittsburgh, Pa., Homer D. Butts, Grant building; St. Paul-Minneapolis, L. A. Moore & Company, 740 Vandalia street; Wisconsin and Illinois, except Chicago, W. W. Klug, 1624 North Sixty-ninth street, Wauwatosa, Wisconsin.

Gleason Joins Hummel Co.

Edward J. Gleason has been elected vice-president of the Hummel Chemical Company, manufacturer and importer, this city. In order to accept the vice-presidency of the Hummel organization, Mr. Gleason resigned as sales-manager of the chemical department of Charles Hardy, Inc., this city. with whom he had been affiliated for seventeen years. The Hummel organization, headed by A. Hummel, maintains stocks at strategic points throughout the country and specializes in chemicals for the pyrotechnic industry.

E. J. Gleason

Buettner to Visit Local Pest Control Associations

William O. Buettner, of Oscar G. Buettner & Son, Inc., Brooklyn, left January 14 for his annual trip as secretary of the National Pest Control Association. His itinerary calls for a brief stopover in Chicago; attendance at pest control operators' conference at Purdue University, and visits at Indianapolis, St. Louis, Memphis, Nashville, Tenn., and Atlanta. He will also attend the Southern operators' conference at Louisiana State University, January 30-31 and February 1.

Trade Briefs

P. B. Thompson has been elected treasurer of the Cudahy Packing Company, Chicago, replacing J. E. Wagner.

E. I. duPont de Nemours & Co. has started work on air-conditioning its office building in Wilmington, Del., at a cost of $1,000,000.

Anaconda Copper Company, this city, has closed down Leonard mine at Butte, Mont., and two zinc refining plants at Anaconda, Mont.

George P. Krug, controller and a director of the Certain-teed Products Corporation, this city, has been elected treasurer of the company.

G. E. Dyek has been elected to the directorate of the Robert Gair Company, container manufacturer, this city. He succeeds Charles Oechler.

Gaylord Container Corporation has leased a group of five buildings from Anheuser-Busch, Inc., St. Louis, to be used for a folding carton plant.

Union Bag & Paper Company formally offered to stockholders of record January 20, 1939, the right to subscribe to 210,455 additional shares of capital stock, at $9.50 a share, on the basis of one-fifth of one share for each share held.

Dr. Hosmer W. Stone, assistant professor of chemistry at the University of California, Los Angeles, has been invited to do research work at the University of Denmark in Copenhagen. He will do research work on oxidation reduction indicators.

International Salt Company has called for payment July 17, 1939, at 105 and interest, the entire issue of its first and consolidated mortgage collateral trust 5 percent bonds, due October 1, 1951, at the Chemical Bank & Trust Company, this city.

International Smelting & Refining Company, a subsidiary of the Anaconda Copper Company, subject to ratification by stockholders at a meeting January 25, has acquired control of the property of the Treasure Gold Mining Company, Yellow Jacket, Idaho.

American Institute of the City of New York has awarded a fellowship to Dr. Ross A. Baker, professor of chemistry at the College of the City of New York, and James T. Grady, director of the department of public information, Columbia University, have been awarded fellowships for outstanding work in science.

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(Natural) U. S. P. 40° C. Minimum Melting Point **is a pure white crystalline product generally used in the manufacture of Phenol-Formaldehyde Resins when extremely light color is necessary. Also used in the manufacture of chemicals and dyestuffs requiring material of highest purity.**

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82-84 per cent and 90-92 per cent Technical**—grades which contain limited amounts of Ortho, Meta and Para Cresols.**

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U. S. P. **Barrett Cresol U. S. P. not only meets U. S. Pharmacopœia specifications but contains less than 9 per cent Phenol.**

Meta-Para Cresol. **Standard grades having boiling ranges of 3° C. and 5° C. with Meta Cresol content — 55 per cent and 52 per cent minimum respectively.**

Ortho Cresol. **Minimum Melting Point 30.4° C.**

Meta Cresol. **70 per cent and 80 per cent, for chemical and synthetic resin manufacturers.**

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Special Cresol Fractions, to meet users' specifications.

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Straw color and dark grades of various distillation ranges, depending on requirements. Special grades for synthetic resin manufacturers.

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Coaltar Chemicals

Some Coaltar Crudes and Intermediates in Better Demand—Further Weakness Develops in Imported Naphthalene—Coaltar Acids and Colors Move Steadily

Transactions in the market for coaltar chemicals was highly irregular throughout the past week. Chemicals entering the lacquer and synthetic resin industries received the best support. Several intermediates were moving out at a steadier pace, while coaltar solvents, phenol and cresylic acid were well taken. Domestic quotations were unaltered, however, further weakness was reported in the market for imported crude naphthalene.

Broader buying characterized the market for most intermediates and some of the acids. Sellers reported that replacement orders were making their appearance quite steadily, particularly from the lacquer and synthetic resin industries, and volume of business was approaching the November levels. Maleic and succinic acid were taken steadily, while phthalic anhydride, dinitrochlorobenzene, nitrobenzene and orthonitrotoluene moved in satisfactory volume. Demand for most coaltar colors was fair, although orders were not exceptionally large, sellers were able to point to a steady interest for most colors.

Activity in most basic products was spotty, however, benzol, toluol and xylol were receiving steady attention from the lacquer trade. Stocks of material were adequate to take care of the demand, and statistical position of the market remained favorable. Export demand was reported as fair in the solvent market. Cresylic acid and phenol were in moderate demand from the synthetic resin industry, with most orders of a replacement character. Quotations for imported cresylic acid were holding steady. Further weakness developed in the foreign market for crude naphthalene, and material was available at lower quotations in practically all quarters. The lower quotations were attributed to the lack of demand here and abroad.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Naphthalene, crude, imp., 15c. per 100 lbs.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.6	125.7	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol. — The market received a steady buying support from principal consuming interests last week. Withdrawals against contracts made their appearance in satisfactory volume, while spot business was reported at moderate levels also. Stocks of benzol were adequate to take care of the demand, with the improved production recently a helpful factor. Quotations for the pure 90 percent nitration benzol were firm at the levels established some time ago. Steel production displayed modest improvement, and operations last week were scheduled at 52.7 percent of capacity, compared with 51.7 percent in the preceding week and 29.8 percent in the corresponding week a year ago.

Creosote Oil.—Withdrawals for wood preservation purposes by railroads and public utilities was held to moderate proportions in most instances. There were no important developments in the market, and quotations were maintained at previously established levels. Canadian exports of creosote oil increased during the 12 months ending March, 1938, to 1,564,033 imperial gallons, valued at $242,943 from 193,426 gallons, valued at $34,981 during the corresponding period last year. A decline in creosote oil exports, however, was registered during the three months ended June, 1938, when 37,408 gallons, valued at $6,750 were shipped as against 504,140 gallons, valued at $78,076 in the corresponding period of 1937. All shipments were consigned to the United States.

Cresylic Acid.—Some inquiry was uncovered for the account of the synthetic resin industry, while the call for disinfectant and ore flotation purposes was only fair. Contract work was about finished, and sellers were anticipating an active interest in the market as the year progresses. Domestic quotations were well maintained at former levels. Nothing of importance developed in the foreign market, and prices for the imported material were steady.

Naphthalene.—Quiet conditions prevailed in the market for domestic crude naphthalene, and major consuming interests were making only modest withdrawals at this time. Prices underwent no change. In the import market further easiness was prevalent, and material was available at $1.60 per 100 pounds, c.i.f. Atlantic ports. There was sufficient material available, with very little demand making its appearance.

Phenol.—The synthetic resin interest was making an appearance for fair-sized quantities, but other consumers were disposed to place commitments on a hand-to-mouth basis. Pricewise the market retained a steady to firm tone. Shipments abroad were none too plentiful, and the export market was rather dull.

Toluol.—Transactions in this direction were steady for the most part. Some good buying was evident from the lacquer trade, and with automotive output pointing upward again, prospects for a continuance of the steady demand was assured. Quotations were firm.

Xylol.—A satisfactory volume of business was reported in most quarters, with the surface coating trade providing the principal interest. Stocks of material were sufficient to take care of current withdrawals. Quotations were in conformity with the preceding period.

Coaltar Acids

Anthranilic.—Sellers report a moderate demand in the market, but quantities were apparently being held close to production requirements. The market remained unchanged pricewise.

Cleve's.—Dealings in this direction were of a routine character, and commitments were held to necessary needs in the majority of instances. Prices ruled firm.

Maleic.—Volume of business was showing some signs of expanding, particularly for the account of the synthetic resin industry, while other consumers were making replacements from time to time. Quotations were without alteration.

Succinic.—A steady to firm price tone prevailed in the market throughout the past week. Trading was steady, and some consumers made their appearance for fair-size quantities.

Tobias.—Sellers were accepting contracts at 60c. per pound, while the spot price was 65c. per pound. Usual consumers supplied the call for moderate quantities.

Chicago Coaltar Bases

Coaltar bases have been opening up the year in moderately good market position, with prices rather steady, and with demand holding up quite well in comparison with the situation that existed before the turn of the year. Interest in benzol is said to be rather substantial. Inquiries are moderate. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Other Intermediates

Aniline Oil.—Shipments were moving into various consuming channels at a steady pace, while volume was not exceptionally large, interest was rather

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

broad at times. Quotations were without change.

Betanaphthol.—The technical material enjoyed moderate buying support from some leading interests at times last week, and indicated some replacement business was taking place at this time. Quotations remain unchanged.

Dinitrochlorobenzene. — Withdrawals against contracts and spot business was reported as satisfactory in this direction last week. No change was recorded in the quotations.

Nitrobenzene.—Activity in the market was showing signs of broadening, and some consumers were apparently replenishing depleted inventories. A steady to firm price tone predominated.

Orthonitrotoluene. — A satisfactory volume of business was reported in the market, with orders making their appearance rather steadily. Quotations were in conformity with the previous period.

Phthalic Anhydride. — The synthetic resin industry and other consumers supplied a good call in the market. Business was showing signs of regaining the volume prevailing before the usual seasonally slackening in December. Quotations were without change.

Thiocarbanilide.—Interest in the market was fairly well maintained, with the call reported as steady for moderate size quantities. Prices were in line with the previous period.

Xylidin.—A firm price tone characterized the trading in the market again last week. Business was largely routine, and withdrawals held to nearby needs.

Coaltar Colors

Demand was fair in the market for coaltar colors last week. Volume was not exceptionally large, but sellers were able to point to a steady interest for most colors, as leading textile consumers were making headway in Spring and Summer schedules. Business was running considerably ahead of the same month a year ago. Prices were well sustained in all divisions.

Aluminum Company of America, Pittsburgh, Pa., plans $8,000 addition to its plant in Vernon, Calif.

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Preferred in coatings because of
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Guaranteeing these results
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PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.

CRESYLIC ACID Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one per cent.

TAR ACID OILS Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.

Koppers position, due to raw materials and modern plant equipment, is exceptional for special cuts or fractions. Inquiries solicited and welcomed.

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KOPPERS CHEMICALS AND SOLVENTS

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (Including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling. Insecticide Grades—93%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber.

Mutual Drug Directors Reinstate F.T.Roosa

—Continued from page 5

Roosa's Statement

Following the directors' meeting January 16, Mr. Roosa issued the following statement in respect of the dissension in Mutual circles:—

The action of the board of directors today should do much to clear up any erroneous impressions which may have arisen covering affairs of the Mutual Drug Company. In rescinding its previous approval of the writing down the value of the investments of the company, the board is exercising sound business judgment. These investments consist of interests in subsidiaries, and have been and are now carried on the books of the company at cost. None of these investments are for sale, but, if they were, they most certainly could not be purchased for anywhere near the cost as carried on the books.

The recent friction in the company was the result of a difference of opinion arising because of my opposition to a plan submitted calling for the issuance of a large amount of bonds by the company. In my judgment the company did not need nor could it use a large amount of money and it would be unwise to create such a debt obligation. A step of this kind, I feel, would not be protecting the stockholders' interest or investment. The Mutual Drug Company for years has discounted all its bills and today has no unpaid overdue obligations nor any obligation that cannot be met in full when due.

Current business sales and net profits of the company are greater for 1938 than for any year since 1930, and I see no reason to change the policies and methods of doing business which have proven to be most economical and successful in the distribution of druggist supplies.

G.H.Clapp to Receive Pittsburgh A.C.S. Award

The annual award of the Pittsburgh section of the American Chemical Society will be made to George Hubbard Clapp at the society's award meeting to be held February 16. The award, an aluminum plaque suitably inscribed, is made in recognition of outstanding service to chemistry in the Pittsburgh district.

Mr. Clapp, who recently celebrated his eightieth birthday, was born in Pittsburgh. He was graduated from the Western University of Pennsylvania, now the University of Pittsburgh, in 1877 with the degree of bachelor of philosophy and was named "first scholar" in the scientific department. After his graduation he was employed in a machine shop, and later spent several years with the Black Diamond Steel Works, first as a chemist, then as assistant to Captain Alfred E. Hunt, who was head of the open-hearth department.

Later with Captain Hunt he operated the firm of Hunt & Clapp, which subsequently acquired the Pittsburgh Testing Laboratory. With Captain Hunt, Mr. Clapp was instrumental in bringing to Pittsburgh Charles M. Hall and in organizing the Pittsburgh Reduction Company, which is now the Aluminum Company of America. Notable achievements in the field of chemistry attended his work with Captain Hunt and Charles Martin Hall in the production of aluminum by an inexpensive electrolytic process. Notable also were his activities in the pioneer Pittsburgh Testing Laboratory, which provided technical service to the growing steel industry and which, through its experimental filtration plant led to the building of Pittsburgh's present filtration plant and the attendant enormous reduction of typhoid in Pittsburgh; as first president of the Scientific Materials Company, now the Fisher Scientific Company; and his interest in scientific research at the University of Pittsburgh and at the Carnegie Museum. He has been president of the board of trustees of the University of Pittsburgh for many years.

American Agricultural Co. Advances Williams, Fick

Julian Y. Williams and George H. Fick have been elected vice presidents of the American Agricultural Chemical Company, this city. Mr. Fick will also assume the duties of wholesale manager and Mr. Williams will continue as fertilizer sales manager.

Mr. Williams started with the company in 1918 as local sales manager in Alexandria, Va. In 1926 he was promoted to the Atlanta, Ga., office and finally came to the New York office as assistant treasurer in 1932. The following year he was made manager of fertilizer sales.

Mr. Fick started as office boy in the New York office in 1904 and made rapid advances to the offices of purchasing agent and sales manager of bulk superphosphate and sulphuric acid. As wholesale manager he will serve as supervisor for the sale of all fertilizer materials.

War Materials Plans Introduced in Congress

—Continued from page 3

the United States which are necessary to national defense, and to develop domestic sources of supply, new methods of utilization of low-grade ores, and substitutes for essential mineral products. For this purpose S. 572 and H.R. 2643 authorize the appropriation of $500,000 annually for the four years, 1939 through 1942, of which $350,000 would go to the Bureau of Mines and $150,000 to the Geological Survey. The amount specified for the purpose in H.R. 2556 is $1,000,000 annually for the four years, with the Bureau of Mines receiving $750,000 of it, and the Geological Survey $250,000.

Hardy, Inc., Engages Egan

Charles Hardy, Inc., chemical importer and manufacturers' agent, this city, has added Edward G. Egan to its chemical sales staff. Mr. Egan, a chemical engineering graduate of the University of North Carolina, was formerly connected with the Franco-American Chemical Company. The Hardy organization, long prominent in the sale of metal powders, handles a wide line of electroplating and industrial chemicals, together with representing certain important foreign principals on naphthalene and cresylic acid.

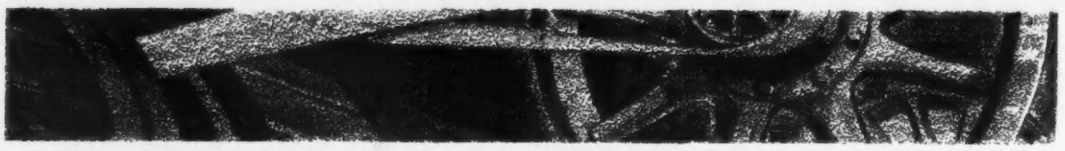
Food-Drug Officials Redraft Model Bill

—Continued from page 3

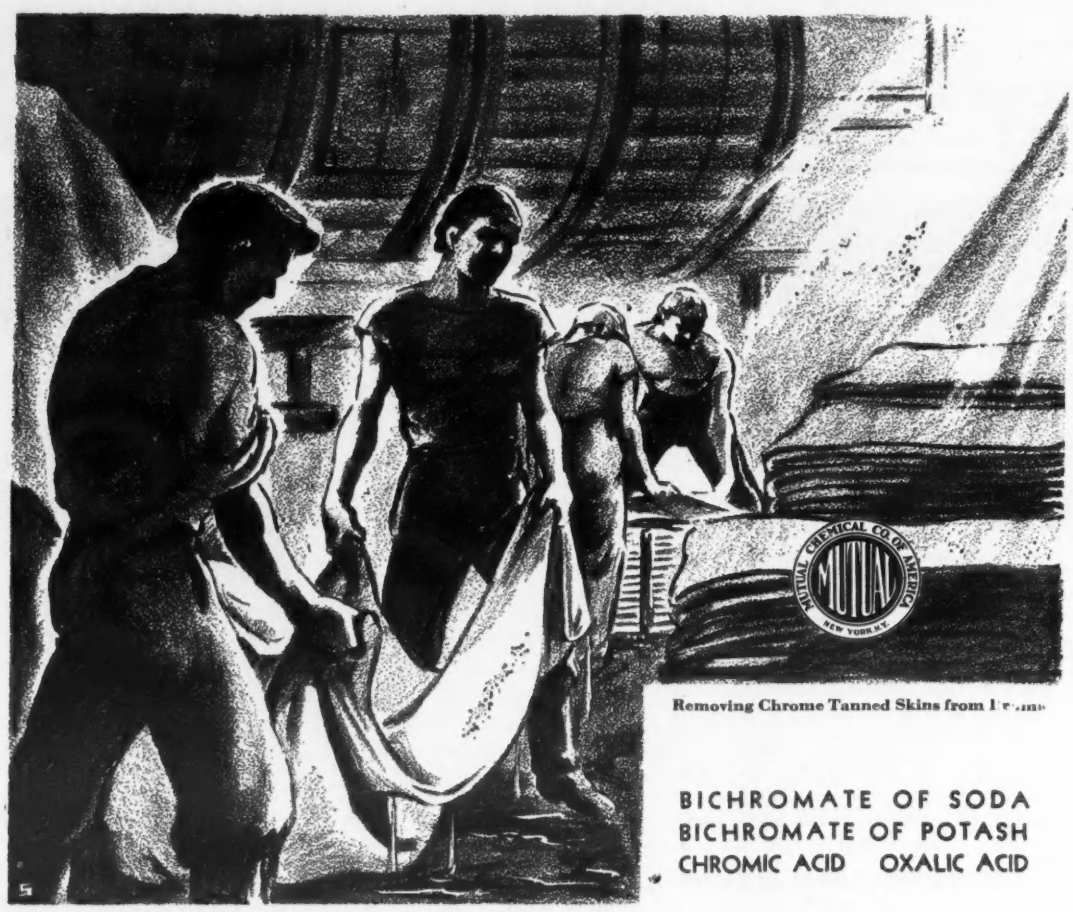
several States and into harmony with regulations under the Federal act.

The association's model for a State law has gone through several editions. The original draft was not considered satisfactory to representatives of the food industry and was not in harmony with the views of the drug industry as expressed in the draft approved by the National Drug Trade Conference. The officials' association had agreed to confer with representatives of the affected industries in the drafting of the model authorized at the 1938 meeting. The special committee, headed by Commissioner Ladd of North Dakota prepared the first draft with only indirect industrial counsel.

Subsequently representatives of the committee had conferences with Dr. Robert L. Fischelis, Trenton, N. J., representing the National Drug Trade Conference; Charles Wesley Dunn, New York, representing food manufacturers, and Ole Salthe, who was technical adviser to the late Senator Copeland in the enactment of the Federal law. As a result of these conferences Mr. Ladd and his associates prepared and last week issued a revised draft. This did not meet the desires of industrial representatives and others in respect of harmony with the Federal law, and final revision was undertaken by the executive committee, with the counsel of Mr. Salthe.



Chromium Chemicals
FOR THE TANNING INDUSTRY



Removing Chrome Tanned Skins from Drums

BICHROMATE OF SODA
BICHROMATE OF POTASH
CHROMIC ACID OXALIC ACID

TODAY, leather tanning is the largest single use for Bichromate of Soda. Since the inception of chrome tanning Mutual has supplied leading American tanners with Bichromate of Soda of the highest quality.

Operating two complete plants at Jersey City and Baltimore, Mutual offers to chromium users the most complete distribution facilities. Warehouse stocks are maintained in all principal cities including: New York, Jersey City, Newark, Rochester, Buffalo, Philadelphia, Baltimore, Pittsburgh, Charlotte, Detroit, Chicago, Milwaukee, Minneapolis, St. Louis, Kansas City, Los Angeles, San Francisco and throughout New England.

Mutual Bichromates
MUTUAL CHEMICAL COMPANY OF AMERICA - 270 Madison Avenue, New York City

Dyestuffs, Textile and Leather Chemicals

Reciprocal Trade Agreement Lowers Myrobalan Extract Prices —Yellow Potash Prussiate Reduced—Egg Albumen Easier —Raw Tanning Materials Revised Downward

Volume of business in the market for dyestuffs, textile and leather chemicals continued rather limited last week. Some chemicals received moderate attention, while others were lagging. Most consumers were following a policy of marking time before making any commitments aside from urgent requirements. The price trend was definitely on the downside, and reductions were recorded in a number of products, including lower quotations for domestic and imported egg albumen, mangrove bark, myrobalan extract, J1 and J2 myrobalans, yellow prussiate of potash, sulphonated castor oil, sumac and wattle bark.

The reduction in myrobalan extract, solid and powdered material, reflected the lowering of the import duty under the recently signed reciprocal trade agreement with Great Britain, and domestic producers were obliged to meet the competition from abroad. Raw tanning materials were generally lower, and the slight advance recorded the preceding week in myrobalans, mangrove bark and wattle barks was eliminated. Sumac ground and leaf were likewise reduced. Business was slower in the market for tanning materials as the result of the unsettlement in the hide market, and leather trade was making only necessary commitments.

Yellow prussiate of potash declined one cent to record the first price change in some time; no change was reported for the red material. Sulphonated castor oil followed the lowered quotations for castor oil, and declined moderately. Egg products were highly irregular, with a firm tone prevailing for egg yolk, while domestic and imported egg albumen declined. Corn derivatives maintained the advances recorded the preceding week. There was little feature to the transactions in the market for natural dyestuffs, although business was moderately active, and some quarters report sales comparing favorably with December and well ahead of the same month a year ago.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Egg, albumen, dom., cryst., 2c. per lb.
powd., dom., 3c. per lb.
imported, 2c. per lb.
Mangrove bark, 25c. per ton.
Myrobalan, extract, solid, ½c. per lb.
powd., ⅝c. per ton.
J1, 25c. per ton.
J2, 75c. per ton.
Potash, prussiate, yellow, 1c. per lb.
Sulphonated castor oil, ½c. per lb.
Sumac, ground, $1 per ton.
leaf, $3 per ton.
Wattle bark, African, 25c. per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.0	147.3	147.1	155.0

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—The market experienced a good inquiry, and withdrawals were moving at a steady pace in most directions last week. No change was uncovered in the quotations.

Alumina Chloride.—The crystal and solution material was taken in moderate quantities by textile trade throughout the past week. Quotations were in conformity with the preceding period.

Antimony Salt.—Nothing of importance developed in the market, and commitments were confined to nearby requirements. Prices were without alteration.

Potash Prussiate.—Prices for yellow prussiate of potash were lowered 1c. per pound, making the spot price 15c. per pound and the contract price 14c. per pound. There was no change in the red material. Demand was moderately active in most directions last week.

Potash Bichromate.—Consumers were making fair size withdrawals in most quarters during the week. Quotations were without change, and a firm price tone predominated.

Soda Bichromate.—Shipments were moving out for the account of the textile and leather trade in good volume, and sellers report replacement business was quite evident in not a few instances. Prices ruled firm.

Sulphonated Oils.—Quotations for the various grades of sulphonated castor oil were reduced ½c. per pound. Prices for the olive and tallow oils were without change. Sellers reported a good demand in the market last week.

Dyestuffs

Annatto.—Demand was holding steady for modest quantities in this direction. No change developed in the prices. The 1937-38 annatto crop in Ecuador is estimated at approximately 437,250 kilograms, which compares with 228,322 kilograms during the preceding fiscal year, according to reliable estimates. Favorable weather accounted for the increased yield during which the quality was satisfactory and the demand exceeded available supplies. The United States is Ecuador's leading market for anatto seed, most of the shipments to the United States entering through the Customs District of Puerto Rico.

Cochineal.—Business was maintained at fair levels throughout the past week. Shipments were well diversified, but the textile trade was well represented. Quotations ruled steady to firm.

Fustic.—A moderate interest prevailed in this direction, with some consumers making replacement orders to take care of nearby needs. Quotations were in conformity with the previous period.

Logwood.—The leather and textile trade made withdrawals in a steady manner, although some conservative buying was still evident. No change was reported in the prices.

Turmeric.—Quiet conditions prevailed in most directions and commitments were confined to an occasional small lot. Prices were without alteration.

Sizing Materials

Albumen, Egg.—Quotations for the crystal material were lowered 2c. per pound and prices ranged from 73c. to 75c. per pound; powdered material was reduced 3c. per pound making quotations 77c. to 85c. per pound, according to quality. Imported egg albumen declined in sympathy with the domestic material. Transactions in the market were held to modest quantities.

Dextrin.—A steady demand was experienced in the market for most grades of dextrin, while there has been some slowing up in volume as the result of the heavier buying before the recent advance in prices, sellers were able to point to a good amount of business on the book.

Egg Yolk.—A firm tone characterized the dealings in this direction throughout the past week. There was not much feature to the dealings, but supplies were low, and this situation was not expected to be rectified for the next few weeks at least.

Starch.—A moderate amount of business was consummated in the market for corn starch, although some consumers were pretty well supplied before the recent advance in prices. Quotations were well maintained at the levels established the preceding period.

Tanning Materals

Mangrove Bark. — Price receded to the level of $23 per ton, eliminating the 25c. per ton advance recorded in the preceding period. Business was held close to production requirements.

Myrobalans. — Competition from abroad as the result of the reciprocal trade agreement caused a fractional reduction in the myrobalan extract, solid and powdered material, making the quotations 4¼c. and 5c. per pound, off ⅛c. and ⅜c. per pound, respectively. J1 myrobalans declined 25c. per ton to $24 per ton and J2's 75c. to $16.50 per ton.

Sumac.—Quotations for the ground material were lowered $1 per ton to $66 and the leaf $3 to $70 per ton. Business was along routine lines for the most part last week.

Valonia.—A steady price tone governed the dealings in the beards and cups throughout the past week. Business was only moderate, and consumers were covering for nearby needs.

Wattle Bark. — Advances reported the previous week were eliminated and the market was quoted at $36 to $38 per ton for the African material. Shipments were moving at a modest pace last week.

United Piece Dye Works, Inc., will sell at auction February 9-10 its surplus printing, dyeing and finishing equipment at Hawthorne and Paterson, N. J.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLÉ, 205 Fulton Street, NEW YORK
Telephones: Cortlandt 7-1460-1461 Cable Address: "Fezan," N.Y.

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Crotonaldehyde
Ammonium Acetate
Manganese Acetate
Sucrose Octa Acetate
Other Acetate Salts
ACETAMIDE
Technical and C. P. Odorless Grades
for Soldering Pastes and Fluxes
Dyestuff Solvent-Organic Synthesis
AMMONIUM ACETATE
Dye Mordant - Stripping and Levelling Agents
Insecticides - Pharmaceuticals
Aluminum Acetate Solutions 20% Normal, 32% Basic
Sodium Acetate Tech. 60%, Special 90% Grades
NIACET CHEMICALS CORPORATION NIAGARA FALLS, N.Y.

HEYDEN
FORMALDEHYDE
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Years of specialized experience—and knowledge of the needs of the consuming industries—are reflected in its uniformly dependable high purity and strength.
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A white powder of exceptionally good solubility.
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● Users have learned from experience to depend on the unvarying uniformity of our line of Ultramarine and Cobalt Blues. This important quality is assured by the extreme care with which each step in their processing is carried out in our own plant—by our skilled workmen. These blues are of standard specialized types to meet the needs of today's manufacture of Paint and Printing Inks. We also offer a full range of types for the Paper, Rubber, Soap, Linoleum and Textile Trades. Send today for free working samples.

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THE CALCO CHEMICAL COMPANY, INC.

BOUND BROOK, NEW JERSEY

A Division of American Cyanamid Co

Calco

Boston Philadelphia Providence New York Charlotte Chicago Paterson

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Andrew L. Somers

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SOMERS COLOR AND PIGMENT CO.

to Manufacture Colors, Including

CHROME YELLOW — CHROME GREEN
IRON BLUES — LAKES AND TONERS

It is the sincere intention of this company to introduce to the Paint, Varnish and Lacquer Industry a new and finer line of standards . . . not merely dry colors, but the ultimate results and developments of the most modern scientific methods.

To paint chemists and superintendents of production the members of this new organization offer the benefits of a tradition extending back more than half a century, during which the name Somers has become synonymous with the very highest standards of trade practice and integrity.

If you have a color problem, no matter how complicated, we cordially invite you to take full advantage of the personal services of our expert color technicians.

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COLOR AND PIGMENT CO.
41 EAST 42nd STREET NEW YORK, N. Y.
VAnderbilt 6-1497

Paint, Varnish, Lacquer Materials

Spot Market Demand Continues Dull—Copals, English Vermilion Reduced—Other Prices Firm—Pick-up Expected Next Month—Rosin and Turpentine Irregular

Although demands for paint materials were seasonally slow last week, increased inquiries indicated a satisfactory volume of business for the near future. Leading producers were contemplating increases of stock on hand in anticipation of the heavy demands expected when the Spring painting season gets under way. The price side of the market showed several reductions. Various types of copal gums, English vermilion, alcohol amyl, amyl acetate, butyl acetate, and butyl alcohol all were reduced in price.

Rubber manufacturers in Japan petitioned the Japanese Ministry of Commerce and Industry for permission to create an import control organ to adjust the supply and demand position of carbon black. Last October the Japan Compressed Carbon Black Association was formed, which included 10 manufacturers of the pigment. Imports of black from the United States will hereafter be unified through the control of the new import association. In addition, the Rubber Manufacturers Association and the Electric Wires Industrial Association will cooperate with the import organ for smoother distribution of carbon black in the domestic market. These steps were occasioned by a shortage of black in Japan. The domestic monthly consumption is estimated at about 1,000,000 pounds. Imports were extremely small during 1938 and as a result all the stocks of black on hand were used by the rubber manufacturers.

Consumption of paint products in Cuba is measured by the total value of sales, which in 1937 was estimated at slightly more than $1,000,000, of which about 65 percent of the total was supplied by the Cuban industry. Cuban imports of enamels in 1937 totaled 93,558 kilos compared with 165,036 kilos in 1936. Imports from the United States in 1937 were 85,239 kilos against 161,495 kilos in 1936. Imports of ready-mixed paints in 1937 totaled 825,416 kilos compared with 509,879 kilos in 1936. Imports of ready-mixed paints from the United States were 792,228 kilos in 1937 compared with 463,712 kilos the previous year. Cuban products predominate in the low and low-medium price field, but import trade in recent years has tended to be limited more and more to products of higher price or of special quality.

Rosin and turpentine prices moved within moderate limits last week, the tone of Southern and local markets being steady or firm. The sxport demand for rosin fell off and domestic business in that product as well as turpentine was also quiet although there was a fair movement into consuming channels on unfilled contracts. Receipts in primary markets were light and the indications continued to point to an unusually small movement during the remainder of the current season.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rosin, gum, medium, pale, 5c. to 40c. per 280 lbs.
Turpentine, gum, ¾c. per gal.

Reduced

Alcohol, amyl, ex pentane, ½c. per lb.
amyl acetate, ex pentane, ½c. per lb.
Butyl, acetate, normal, ½c. per lb.
secondary, ½c. per lb.
alcohol, normal, ½c. per lb.
Gum, East India, black, bold, scraped, ¼c. per lb.
nubs and chips, ¼c. per lb.
Singapore, Rasak, bold, ½c. per lb.
chips, ½c. per lb.
Manila, Singapore, dust, ¼c. per lb.
Pontianak, bold, genuine, split, ⅝c. per lb.
nubs, ⅜c. per lb.
Red, vermilion, quicksilver, 12c. per lb.
Rosin, gum, dark, 5c. to 20c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week	Prev. week.	Last month.	Last year.
131.7	131.7	131.1	131.6

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Sales of pig lead and slab zinc were not heavy last week, although the tone of the market was reported firm. No price changes were made. Compared with 1937, smelter production from domestic zinc ores declined 21 percent in 1938, apparent consumption was one-third less, producers' stocks at the end of the year nearly doubled, and the price at St. Louis declined almost two cents per pound, according to the Bureau of Mines. Declines in the domestic prices for zinc during the latter part of last November were attributed to the reduction in the tariff effective this year. The output of primary metallic zinc from domestic ores in 1938 was about 436,900 short tons compared with 551,165 short tons in 1937. Production from foreign ores amounted to about 11,000 tons compared with 5,739 tons in 1937. Imports of slab zinc amounted to 6,673 tons for the first 11 months of 1938. Exports of zinc for the first nine months of the year totaled 6,253 tons. Total stock of zinc on hand at the end of the year was estimated to be about 156,100 tons, compared with 81,083 tons on December 31, 1937. Apparent deliveries of primary slab zinc to domestic consumers in 1938 amounted to about 380,000 tons, compared with 570,219 tons in 1937.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from January 14 to 20, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0485@0.0490	$0.0470	14 12 6
Monday	.0485@.0490	.0470	14 8 9
Tuesday	.0485@.0490	.0470	14 7 6
Wednesday	.0485@.0490	.0470	14 11 3
Thursday	.0485@.0490	.0470	14 10 0
Friday	.0485@.0490	.0470	14 5 0

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from January 14 to 20, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0490	$0.0450	13 17 6
Monday	.0490	.0450	13 15 0
Tuesday	.0490	.0450	13 12 6
Wednesday	.0490	.0450	13 15 0
Thursday	.0490	.0450	13 16 3
Friday	.0490	.0450	13 11 3

Pigments

The market was reported only fair last week. The broadening of demands noted the previous week fell off slightly. Prices continued firm and unchanged at the quoted levels. Leading producers felt that there will be no marked improvement in conditions until the middle of next month.

White Lead.—The general movement for this time of year was quiet with orders and inquiries running light. Barrel prices for dry basic carbonate and sulphate were unchanged at the quoted levels.

Red Lead.—A slight improvement in the position of this pigment was reported but it was so slight that it served only as a mirror for future business. The price continued steady and unchanged. Red lead imports into Argentina in 1937 totaled 439,079 kilos compared with 371,602 kilos in 1936. Great Britain was the biggest supplier of the pigment with a shipment figure of 219,741 kilos. The United States was second, having supplied 81,645 kilos. Of prime interest to red lead dealers, however, were the advances made by Germany. Argentina imported 10,726 kilos of the material from Germany in 1937, compared with the puny figure of 210 kilos in 1936.

Litharge.—Like red lead, a slight im-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

provement was noted here last week. Volume of business, however, was still small and a pick-up is looked for next month. Price continued unchanged.

Lithopone.—Slight gains in business registered two weeks ago were held last week. The price side of the market developed no new features.

Titanium Pigments.—The tone of the market was a shade better last week, although no price changes were reported. A company recently formed to manufacture titanium oxide in Canada acquired for this purpose a large site at Cap de la Madeleine, near Three Rivers, Quebec.

Zinc Oxides.—Slight gains were reported for these pigments last week on top of the unexpected good business the previous week. The increased activity did not cause an increase in price, however, which continued firm at the quoted levels.

Fillers and Extenders

The market was devoid of any outstanding features last week. A few producers indicated that inquiries were made more often than in the previous week and expressed confidence that business would start increasing during February.

Barytes.—The market took on a slightly firmer tone although no price changes were reported. Producers stated that demand was a shade higher and that inquiries increased substantially.

Mica.—Movements against new contracts were slightly more active last week and producers reported an increase in sales over the corresponding period in 1938. No price changes were reported.

Dry Colors

The price of English vermilion was reduced to provide the feature of the market last week. Most of the other colors continued steady and unchanged with demand light. Several producers, however, reported that the movement of dry and chemical colors was more active than expected for this time of year, and expressed the belief that heavy sales volume will be seen by mid-February.

Carbon Black.—Shipments continued to move out along reduced lines while the price remained firm and unchanged. Despite the light movement, however, producers reported it was slightly better than the week previous.

Chrome Colors.—Demands on the market increased slightly last week and showed promise of continuing. The prices remained firm at the quoted levels. The Department of Commerce reported that due to expansion of the printing ink and paint industry in Argentina there was an increase in consumption of these colors during 1937. Argentina imported 19,873 kilos of chrome greens and chrome yellows from the United States in 1937, compared with 10,018 kilos the previous year.

Iron Blues.—Producers, who anticipate heavy demands when the Spring painting season arrives, reported that business was a shade better last week. Although no price changes were made the market took on a firmer tone.

Lithol Toners.—Inquiries continued to increase, although demand was still sluggish. Price was unchanged.

Vermilion.—The quicksilver product was reduced 12c. per pound. The new price schedule is as follows:—500 pounds or more, barrels, $1.38 per pound; smaller lots, $1.39 to $1.52 per pound. Demand for materials was sluggish despite the reduction.

Graphite.—No changes were reported. Exports of graphite from Ceylon during October, 1938, totaled 24.2 hundredweight compared with 20 hundredweight for the previous month and 32.9 hundredweight for October, 1937. Total exports for the first ten months of 1938 were 177 hundredweight compared with 296 hundredweight during the corresponding period in 1937.

Varnish Gums

Reductions in the prices of various types of copal gums supplied the noteworthy interest in this market last week. Business continued in a dull and uncertain condition. Contract negotiations moved slowly. Demand was slight and it was mostly spot business.

Copals.—Price changes were as follows:—East India black, bold, scraped, reduced ¼c. to 6⅜c. per pound; East India nubs and chips reduced ¼c. to 4½c. per pound; Singapore, Rasak, bold, reduced ½c. to 16c. per pound; Singapore chips reduced ½c. to 6c. per pound; Singapore dust, reduced ⅛c. to 5c. per pound; Pontianak, bold, split reduced ⅜c. to 13⅛c. per pound, and Pontianak nubs, reduced ⅜c. to 11c. per pound.

Dammars. — The market continued slack with no price changes reported. Conditions, however, were felt to be slightly better than the previous week.

Synthetic Resins

Ester gum buyers continued to operate in a fairly active fashion for this time of year. Contracts were still being negotiated at a favorable level for the first quarter of the year. Producers feel that demands on the market will pick up substantially within the next few months.

Naval Stores

Business in Southern markets for naval stores was suspended on Thursday last in observance of the birthday of General Robert E. Lee. On other days of the week trade was rather quiet. Less was heard about takings of rosin by Japan and other foreign countries while purchasing of that commodity as well as turpentine by domestic interests was on a comparatively small scale, although there were reports at times to the effect that the movement into domestic consuming channels on contracts previously placed was holding up rather well especially in the case of the grades of rosin that are consumed to an important extent in the paper and soap making industries.

Despite the quietness of new business last week, however, the prevailing tone in primary centers appeared to be steady or firm. Representatives of the naval stores industry were said to be in Washington for further conferences with government officials in connection with the movement to secure sufficient funds to cover production and marketing operations during the coming season, and there still appeared to be a feeling of confidence in naval stores circles everywhere as to the outcome of these meetings. Meantime offerings of rosin and turpentine in primary markets from day to day were light. The movement from the woods to the seaboard continued on a small scale and there appeared to be little likelihood of any expansion in the movement until after the turn of the naval stores year. Talk continued to be heard to the effect that marketing during the remainder of the old crop season was certain to prove smaller than in the corresponding period in any previous year.

Turpentine.—The local market was a rather quiet affair last week, purchasing operations generally being of the same small-lot character noted in recent preceding weeks, as many consumers and dealers were still disinclined to provide to any important extent for future needs at this period. Changes in quotations were moderate in company with the course of prices in the South where the tone of the markets was apparently steady or firm.

SAVANNAH, Jan. 20.—The turpentine market was quiet, with the undertone firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	24	38	4	102	49,873
Tuesday	24¼	15	40	747	49,166
Wednesday	24¼	8	31	50	49,147
*Thursday	..	...	...	...	.....
Friday	24¾	22	57	272	48,392

* No trading.

JACKSONVILLE, Jan. 20.—There was a fair movement of turpentine. The market had a firm tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	23¾	48	32	...	48,350
Tuesday	24	9	15	...	48,365
Wednesday	24	9	45	...	48,410
*Thursday	..	...	...	...	.....
Friday	24¾	3	49	...	48,459

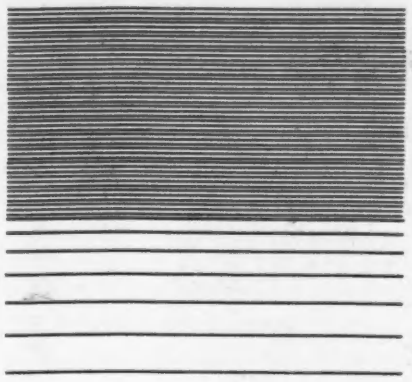
* No trading.

PENSACOLA, Jan. 14.—The turpentine market was quiet. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	33	...	31,398
Tuesday	23	...	31,421
Wednesday	17	...	31,438
Thursday	18	...	31,456
Friday	20	...	31,258
Saturday	27	245	31,238

CHICAGO, Jan. 20.—Trade in both wholesale and retail divisions of the turpentine market has been along conservative lines. Ruling prices at the close of business last night were:—Five-drum lots,

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



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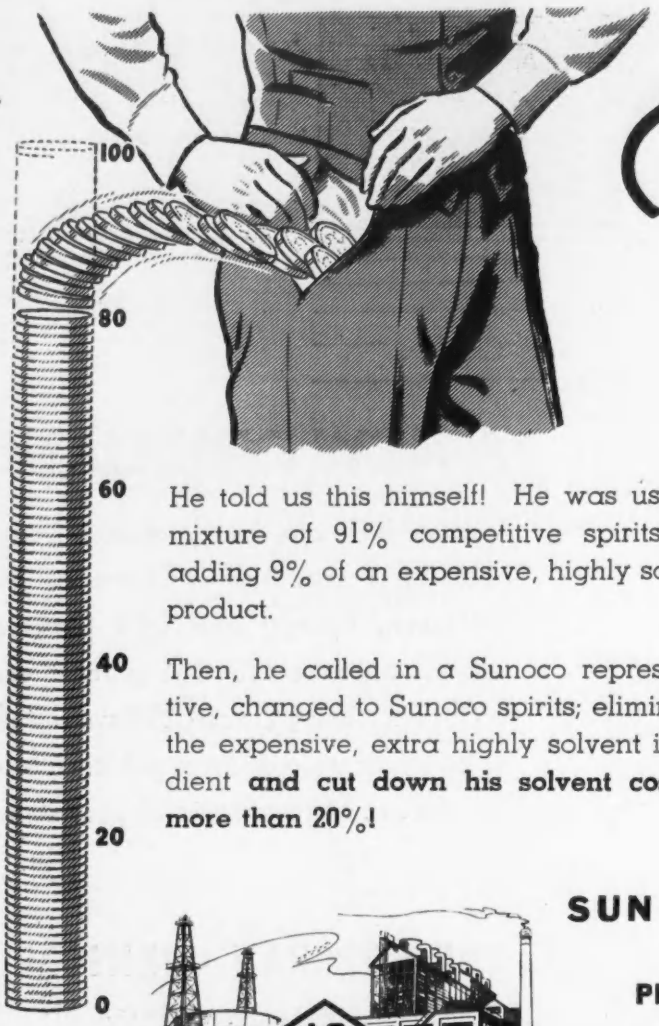

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30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, Jan. 20.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	34	0
Monday	34	0
Tuesday	33	6
Wednesday	33	6
Thursday	33	6
Friday	33	6

Stocks of American turpentine in London were:—

	Jan. 20.	Previous week.	Last year.
Barrels	29,337	30,304	35,450

Rosin.—A steady or firm tone prevailed in the local market last week in the absence of wide fluctuations in Southern quotations. There was apparently no change in the character of business here. A fair inquiry was noted in some quarters at times but as a rule purchasing was limited to comparatively small quantities, the movement of such lots for the week being unimportant. Receipts in Southern markets remained small.

SAVANNAH, Jan. 20.—The rosin market had a firm tone. Receipts were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	*Thurs.	Fri.
B	...	$3.50	$3.60	$3.50	...	$3.40
D	...	3.85	3.95	3.75	...	3.60
E	...	4.00	4.00	4.00	...	3.90
F	...	4.30	4.30	4.25	...	4.25
G	...	5.00	5.00	5.10	...	5.00
H	...	5.00	5.05	5.25	...	5.15
I	...	5.05	5.07½	5.30	...	5.30
K	...	5.05	5.07½	5.30	...	5.35
M	...	5.10	5.20	5.40	...	5.45
N	...	5.70	5.70	6.00	...	6.00
WG	...	6.00	6.00	6.25	...	6.25
WW	...	6.65	6.65	6.85	...	6.85
X	...	6.65	6.65	6.85	...	6.85
	Barrels					
Sales	...	202	200	239	...	241
Receipts	...	652	467	272	...	456
Shipments	...	1,689	2,472	30	...	2,407
Stocks	...	311,363	309,358	309,000	...	307,649

* No trading.

JACKSONVILLE, Jan. 20.—The rosin market was quiet. Offerings were light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	*Thurs.	Fri.
B	...	$3.75	$3.75	$3.75	...	$3.75
D	...	3.95	3.95	3.95	...	3.95
E	...	4.12½	4.12½	4.12½	...	4.12½
F	...	4.30	4.30	4.30	...	4.30
G	...	5.00	5.00	5.10	...	5.10
H	...	5.00	5.00	5.25	...	5.25
I	...	5.05	5.10	5.30	...	5.30
K	...	5.05	5.15	5.30	...	5.35
M	...	5.10	5.15	5.40	...	5.45
N	...	5.75	5.75	6.00	...	6.00
WG	...	6.00	6.00	6.25	...	6.25
WW	...	6.65	6.65	6.80	...	6.85
X	...	6.65	6.65	6.80	...	6.85
	Barrels					
Sales	...	26	47	49	...	18
Receipts	...	259	114	363	...	276
Shipments	...	...	...	...	...	...
Stocks	...	282,090	282,204	282,564	...	282,774

* No trading.

PENSACOLA, Jan. 14.—The rosin market was steady. Receipts were light. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	254	126	127	42	36	110
Shipments	...	...	400	799	1,452	902
Stocks	80,775	80,901	80,628	79,871	77,663	79,079

CHICAGO, Jan. 20.—Volume of business in rosin remains restricted, and feeling on the whole seems to be about as for some time past. Ruling prices at the close of business last night were:—B grade, $6.65 per lot of 280 pounds; G grade, $7.85; M grade, $7.95; WW grade, $9.75.

LONDON, Jan. 20.—Quotations on American rosin were as follows:—

	Per cwt in barrels— Common. s.	d.	W.W. s.	d.
Saturday	14	4½	19	3
Monday	14	4½	19	3
Tuesday	14	9	19	6
Wednesday	14	9	19	6
Thursday	14	9	19	6
Friday	14	9	19	6

Pine Oil.—A firm tone continued to prevail in the local market for spot oil. No broadening of business was noted, many consumers still being disinclined to purchase in advance of current or nearby requirements.

Pitch.—There were reports of a fair call for small or moderate lots for prompt delivery. The market retained a steady tone, spot quotations generally benig maintained at former levels.

Rosin Oil.—Price movements in primary markets for basic material were narrow and local quotations on rosin oil were steady. As in recent preceding weeks, purchasing was generally limited to unimportant quantities.

Tar. — There was apparently no change in the character of business in the local market, consumers being disposed to adhere to a conservative course in purchasing operations. The market had a steady tone.

Shellac

Information from Calcutta last week indicated that the Indian government was agitating for the establishment of a minimum price on shellac, this with a view to establishing a possibly higher level of prices than has been obtainable for some time past. There has been much dissatisfaction with the low values obtainable in Calcutta for a very long period of time and it is understood that some merchants there have urged governmental action for the benefit of the Indian industry.

Locally the market continued quiet within moderate lines but deliveries against contracts were generally fair and undertones on the whole were very steady. Most of the time last week quotations on the London and Calcutta markets had an upward trend but those on the spot remained free from quotable change.

Calcutta, Jan. 20.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound— Jan. 20.	Jan. 13.
January	10½c.	10c.

Day-to-day quotations were as follows:—

	Per pound.
January 13	10c.
January 14	10c.
January 16	10c.
January 17	10c.
January 18	10½c.
January 19	10½c.
January 20	10½c.

London, Jan. 20.—Prices quoted on London standard T.N. shellac, basis of sterling exchange at $4.88, were as follows:—

	January 20— Shillings. Cwt.	Cents. lb.	January 13— Shillings. Cwt.	Cents. lb.
March	38¾	8.45	38¼	8.38
May	39¾	8.67	39¼	8.56

Day-to-day prices were as follows:—

	Per hundredweight— March.	May.
January 13	38s 3d	39s 3d
January 14	38s 3d	39s 3d
January 16	38s 3d	39s 3d
January 17	38s 9d	40s 9d
January 18	39s 6d	40s 3d
January 19	39s 6d	40s 3d
January 20	38s 9d	39s 9d

Lacquer Materials

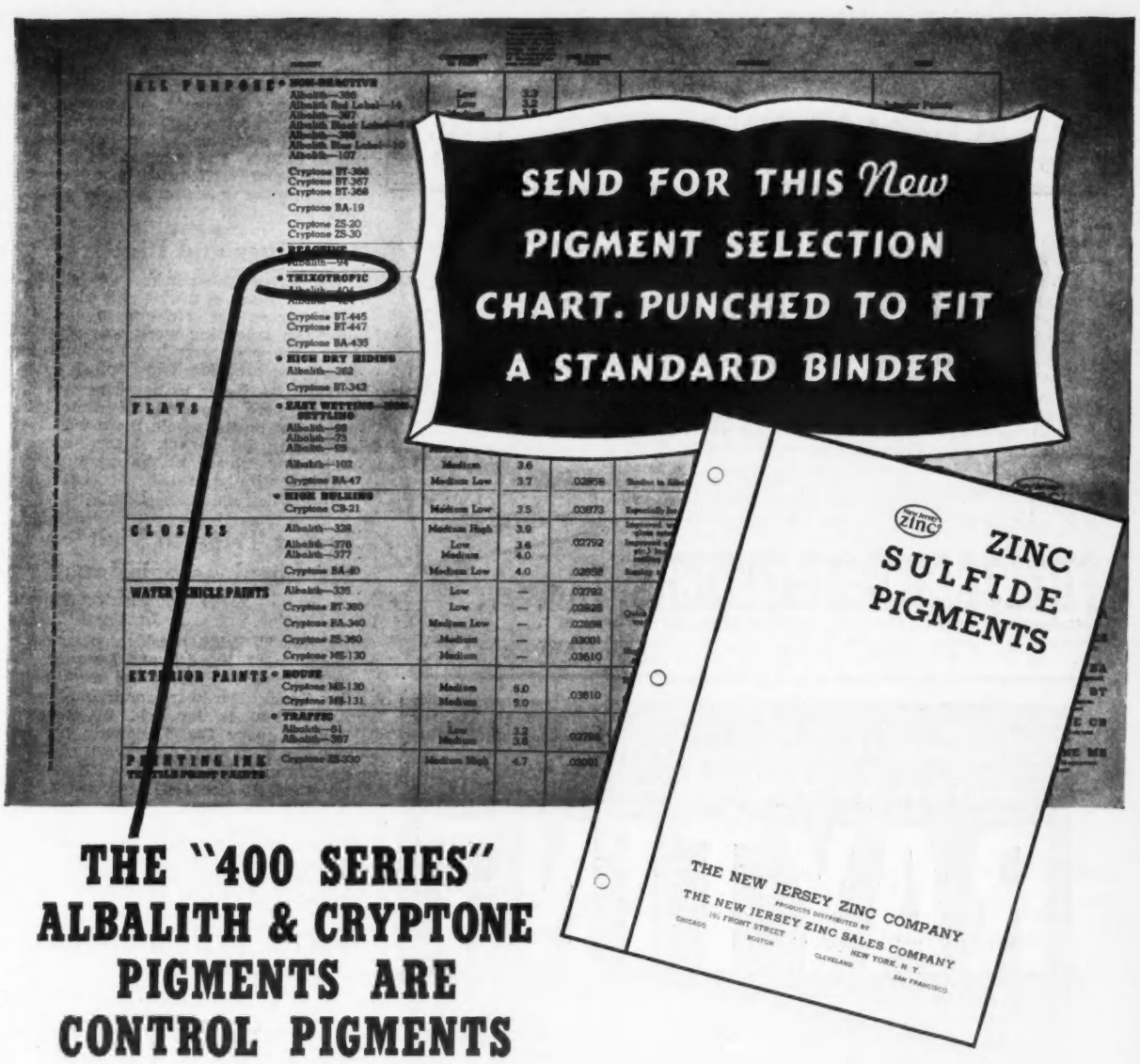
Transactions in the market for various lacquer materials and solvents remained steady last week. There were some price revisions made in the butyl and amyl materials. Fractional reductions were reported for butyl acetate, normal and secondary; butyl alcohol normal, amyl alcohol and amyl acetate, ex pentane. Quotations for butyl alcohol, secondary, were not altered, and brings the quotations in line with the butyl acetate. Price schedule for amyl acetate, ex fusel oil, did not follow the reduction in the ex pentane material, with sellers reporting a good demand, and a firm price tone. Acetone schedule was in line with the quotations established the preceding week, and the concessions made for tankcars was not extended to the drums. Schedules in other divisions of the market were without alteration.

Acetone.—Quotations established the preceding week were holding steady, the reduction in the tankcar price to 4¼c. per pound found no reflection in the drum car lot and less car lot prices, which held at 5¾c. and 6¼c. per pound, respectively. Demand was maintained at moderately active levels.

Amyl Acetate.—Quotations for amyl acetate, ex pentane, were revised downward ½c. per pound. The schedule follows:—Tankcars, f.o.b. works, freight allowed, 9½c. per pound; car lot, drums, 10½c. per pound and less car lots, drums, 11½c. per pound. Quotations for the amyl acetate, ex fusel oil, were unchanged. Sellers report demand has held up well in the market, and a firm tone prevailed.

Amyl Alcohol.—Schedule for amyl alcohol, ex pentane, was lowered ½c. per pound. Quotations follow:—Tankcars,

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7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f.o.b. works, freight allowed, 10.1c. per pound; car lot, drums, 11.1c. per pound and less car lots, drums, 12.1c. per pound. Lower quotations were attributed to competitive conditions, rather than to any lack of demand.

Butyl Acetate. — Prices for butyl acetate, 90-92 percent normal, and secondary were reduced ½c. per pound. Quotations for the normal follow:—Tankcar, 8c. per pound; car lot, 9c. per pound and less car lot, 9½c. per pound. Secondary butyl acetate, tankcars, 6c. per pound; car lots, 7c. per pound and less than car lots, 7½c. per pound. Shipments were moving into most consuming channels at a steady pace.

Butyl Alcohol.—Price schedule for butyl alcohol, normal, was revised downward ½c. per pound. The schedule follows:—Tankcar, 8c. per pound; car lot, 9c. per pound, and less car lot, 9½c. per pound. Demand was reported as steady during the past week.

Ethyl Acetate.—A steady to firm tone prevailed in the market. The quotations established a short time ago were well maintained and business was moving at a moderately active level in practically all directions.

Driers

Improvements in the market made two weeks ago were held last week with conditions reported better than the same time last year. Sales volume is never heavy around this season so the various demands on the market were unexpected but welcome. The prices of stearates and palmitates remained firm and unchanged at the quoted levels. No price changes were expected for the first quarter of the year at least.

Glues and Binders

Casein. — The market was sluggish with suppliers continuing to quote the listed price. A pick-up in business over the preceding week was reported by a few producers but the improvement was considered insignificant.

Glues. — Gains in inquiries and demands were reported by some suppliers but on the whole there was little activity in the market. Materials were still being offered at the quoted price which continued firm.

Ernest Trigg to Visit Six Local Associations

OPD Washington Bureau
January 18, 1939

Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, will address the meeting of the Texas Hardware and Implement Association, to be held in Houston, Tex., January 24. Following his address in Texas, Mr. Trigg will visit six paint centers, where he will be the guest of the local paint, varnish and lacquer associations. His itinerary follows:—January 25, New Orleans, La.; January 26, Atlanta; January 30, Indianapolis; January 31, Cincinnati; February 1, Cleveland; and February 2, Buffalo.

Paint Misrepresentation Admitted by Craggett

OPD Washington Bureau
January 18, 1939

George R. Craggett, Kansas City, Mo., trading as the Missouri Valley Paint Manufacturing Company, has filed an answer with the Federal Trade Commission admitting the commission's allegations of misrepresentations in the sale of paint.

The complaint charged that the concern was labeling paints to indicate that they contained substantial quantities of lead, zinc oxide, and linseed oil when such was not the case, and the answer admits the material allegations and waives intervening procedure and further hearings in the case.

David G. Ong, assistant to the president, has been elected to the directorate of the Celotex Company. Stockholders, meeting in Chicago, January 18, approved amendments to the by-laws.

THE BRADLEY STENCIL MACHINE

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Oils, Fats, and Waxes

Chinawood Oil Quiet and Prices Weaken—Crude Sardine Lower —Refined Cottonseed Oil Futures Irregular—Southern Markets Easier—Sales of Tallow at a Decline

Quotations on miscellaneous oils, fats and greases had a downward trend last week, but the prevailing tone at the close of the period was steady, with offerings of many products light. There was little change in the character of business. Stocks in the hands of many consumers are believed to be small but purchasing was generally of the same small-lot variety noted in recent preceding weeks, as lard and cottonseed oil futures again had a downward trend at times although changes in quotations were within comparatively narrow limits.

Chinawood oil was quieter and prices weakened with some increase reported in offerings. Perilla oil was also shaded. Corn and peanut oils were slightly easier in company with competing product. Copra was easier but local quotations on coconut oil were maintained at former levels and reports were current to the effect that bids a shade under quoted prices were turned down. Soybean oil was quiet and easy on spot.

The export movement of lard showed some increase but domestic trade continued rather quiet. Changes in cash lard prices were within comparatively narrow limits in the absence of wide fluctuations in futures. Fish oil selling schedules were maintained at former levels by refiners, the tone of the market being steady. Neatsfoot and lard oils were firmer, quotations on some grades being advanced by producers. Tallow offerings were light and the market had a steady tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Carnauba wax, No. 3 chalky, ½c. per lb.
No. 3 North Country, ½c. per lb.
Japan wax, ¼c. per lb.
Lard oil, extra, ⅝c. per lb.
Winter strained, ¼c. per lb.
Neatsfoot oil, pure, 1c. per lb.
prime, ½c. per lb.

Reduced

Chinawood oil, ½c. per lb.
Copra, 1-20c. per lb.
Corn oil, crude, ⅛c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Degras, ½c. to 1c. per lb.
Lard, 5c. to 25c. per 100 lbs.
Linseed cake, 50c. per ton.
Linseed meal, 50c. per ton.
Peanut oil, crude, ⅛c. per lb.
Perilla oil, ⅛c. per lb.
Sardine oil, crude, 1c. per gal.
Soybean oil, ⅛c. to ¼c. per lb.
Tallow, ⅛c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.2	**102.0**	**101.7**	**120.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—Domestic markets were very quiet much of the time last week. Inquiries were not entirely lacking but the recent upturn in prices had the effect of making consumers hold off. Early in the period the tone was firm but the attitude of buyers was reflected later on in an increase in offerings and an easier tone. Supplies were available at concessions of ½c. per pound as compared with the quotations prevailing at the close of the week. A report was current to the effect that arrivals at Hongkong have increased recently and shipment quotations received in some quarters were lower. Competition among sellers here was somewhat keener although offerings were by no means large.

SAN FRANCISCO, Jan. 17.—Early in the week business in chinawood oil was fairly good for prompt and nearby delivery but a decline set in later on with news that Hongkong was being supplied with additional stocks. Today there were offerings at 14½c. in tankcars on spot and for future shipment.

Coconut.—Quiet conditions continued to prevail in the local market for crude oil but the ruling tone was steady although copra was a shade easier. Quotations on crude oil were maintained at former levels and the tone of the market appeared to be steady. Reports were current to the effect that bids a shade under quoted prices had been rejected. Refined oil was quiet and steady. According to preliminary official figures, importations of coconut oil from the Philippine Islands during 1938 were 359,260,112 pounds, or 80.192 percent of the allowable quota.

SAN FRANCISCO, Jan. 17.—Crude coconut oil quoted 2⅝c. per pound in tankcars, f.o.b. Pacific Coast port and/or mills for delivery into the middle of this year. Second half of 1939 deliveries quoted at 2¾c. Buyers were in the market with bids of 2½c. for spot oil. Copra was quiet and easy. Crushers were inclined to purchase merely in a routine way and offerings were available at 1.70c. per pound, c.i.f. Pacific Coast ports.

Corn.—The market for crude oil was easier, the tone being influenced by recent developments in competing products and a lack of demand of consequence. Offerings were noted at concessions of ⅛c. Refined oil was also quiet and easy.

Cottonseed.—Edible oil was steady, prices being maintained at former levels by refiners. There was a fair demand for moderate quantities. Imported semi-refined oil was nominal in the absence of offerings.

Olive.—A somewhat better inquiry was noted for foots, purchasing generally being limited to moderate lots of spot oil. The market retained a steady tone. Denatured oil appeared to be in comparatively light supply on spot and the market remained firm though quiet.

Peanut.—The market for crude oil was easier with competing product, quotations in some sections being shaded ⅛c. A bill to establish a peanut research laboratory within the Third Congressional District of Georgia has been introduced in the House by Representative Stephen Pace of Georgia. The establishment would be constructed by the Department of Agriculture on lands provided by the county in which it would be situated, and an appropriation of $10,000 anually for each fiscal year beginning in 1940 is authorized, with an additional authorization of $50,000 for construction of the plant.

Perilla.—Demand was slow and the market was easier, quotations on tankcars being shaded about ⅛c. by some sellers, although supplies of spot oil were reported as rather light.

Soybean.—The local market had an easier tone in company with some other commodities, quotations being shaded about ⅛c. per pound for spot oil. There were reports of a fair movement on contracts although new business was quiet.

Markets at Other Centers

San Francisco, Jan. 17.—Tone of the vegetable oil market during the past week turned slightly easier in most cases, while buyers all along the line were proceeding with caution in the matter of purchases, and sales were as a rule confined to nearby or prompt shipment positions. The trade reported the general run of business as narrow, with a slight flurry in chinawood oil for a brief period, this later stopping when news came through that more stocks were finding their way into Hongkong. Chinawood was easier after this report.

BABASSU.—Babassu oil is quoted on the basis of 5⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast.

PERILLA.—Crude perilla oil is quoted on the basis of 8.9c. per pound in tankcars for prompt or deferred shipment, f.o.b. San Francisco.

RICE BRAN.—Rice bran oil, semi-refined, duty paid, is quoted on the basis of 5⅝c. per pound in tankcars, f.o.b. San Francisco for shipment out of the Orient.

TEASEED.—Quoted either on the spot or for shipment on the basis of 7¾c. per pound in tankcars, f.o.b. Pacific Coast ports.

Chicago, Jan. 20.—Divergent and somewhat contradictory trends have been observed recently in the general vegetable oil market. Inquiry has been quite good.

COCONUT.—Coast basis, January-forward, 2⅝c. to 2¾c. per pound. Refined edible oil, 8¼c. to 8½c. per pound, barrels, car lots, and 8½c. to 9c., barrels, less than car lots.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

For Every Specification
Processed
Refined
Blown
Cooked
Sulphonated
VEGETABLE and FISH OILS
Perilla Oil
Soya Bean Oil
Sardine Oil
Liquid Oiticica Oil
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Now available in either cake or flake form
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(OLEIC ACID)
RUBY OLEINE BRAND (distilled)
STAR BRAND (saponified)
CANARY BRAND
(very pale yellow, especially suitable for best types of dry cleaners' soaps.)
PROCTER & GAMBLE
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SPOT Woolworth Building New York, N. Y. FUTURE

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Palm Oil Fatty Acids Corn Oil Fatty Acids
Lauric Acid Specialty Fatty Acids
Glycerine - Pitch - White Oleine
FACTORIES: Dover, Ohio Los Angeles, Calif. - Toronto, Canada
CALIFORNIA OFFICE: 5636 East 61st Street, Los Angeles
Cable Address "EPILOGUE"

CORN.—Crude, low acid, 6¼c. to 6½c. per pound, partly nominal. Refined edible oil, 9c. to 9½c., barrels, car lots, and 9½c. to 10c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 16.4c. to 16.5c. per pound, spot, and 15.2c. to 15.3c., deferred.

SOYBEAN.—Crude, mills, 4¾c. to 5c. per pound.

The market for soybeans on the Chicago Board of Trade was in downward trend in the main, although prices showed irregularity at times, fluctuations being largely in company with developments in grain. Demand for cash beans was lighter and speculative operations were also on a smaller scale than recently. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Jan. 20.	Closing Jan. 13.
Cash, No. 2..	$0.85½	$0.83½	$0.85¼	$0.85¼
May	.83½	.82⅝	.83¾	.84¼
July	.83¾	.82¼	.83⅞	.84¾

London, Jan. 9.—Soybean oil, crude, 22s. 6d. per cwt; rapeseed, refined, 31s. 6d.; palm kernel, refined, English, 24s. 6d.; peanut, Bombay, 20s. 9d.; sardine, Japanese, 15s. 9d.; whale, crude, Rotterdam, 12s. 9d.

Linseed Oil

Changes in flaxseed quotations in domestic and foreign markets were generally moderate. Linseed oil steady. Cake and meal easier.

Flaxseed—DULUTH, Jan. 20.—The flax market here continues dull, without apparent prospect of a change in the near future, but the demand remains good. Cash flax is being quoted at 2 cents to 8 cents over Minneapolis May, but there is nothing here to deliver. Receipts remain virtually nil, but reports are that they are heavier in the Northwest as a whole.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.96	$1.88
Monday	1.96	1.88
Tuesday	1.94	1.87
Wednesday	1.94	1.86
Thursday	1.93½	1.86
Friday	1.92	1.85

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	128	38	....	....
Since Aug. 1	1,358,874	1,057,117	1,292,521	1,129,520

MINNEAPOLIS, Jan. 20.—Demand for cash flax in the local market has been getting keener from day to day and prices have been advancing sharply compared with futures. Crushers today paid premiums that seed house buyers paid only a few days back and competition for offers is growing stronger. Seed house buyers continue to advance their premiums in order to get supplies they figure they will need. Inquiry through the past week, from a wide territory, was good and the best seed flax sales in years are expected to show this season.

Crushers want a lot more flax than they are getting at present and have to depend to a large extent on their reserves to take care of current crushing requirements. Competition from outside mills is stronger this week and the general tone is competitive and strong. The advance stimulated the country movement some and more liberal shipping advices have been coming in, though there has been no noticeable increase in Northwestern hedging pressure.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.00	$1.88	$1.83½
Monday	2.01½	1.88½	1.85½
Tuesday	2.00	1.86	1.83¾
Wednesday	2.00	1.86	1.83¾
Thursday	1.99½	1.85½	1.83
Friday	1.98	1.84	1.81½

Crop movement in bushels as follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	22,800	47,000	14,400	10,920
Since Sept. 1	2,829,870	3,097,740	433,959	582,042

WINNEPEG, Jan. 20.—The flaxseed market was quiet with moderate changes in quotations. The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.43⅝	$1.45⅝
Monday	1.43⅝	1.45⅝
Tuesday	1.43½	1.45½
Wednesday	1.43½	1.45½
Thursday	1.42⅞	1.44⅞
Friday	1.42⅝	1.44⅝

BUENOS AIRES, Jan. 20.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.06⅝	$1.36½
Monday	1.06⅝	1.36
Tuesday	1.07½	1.35⅝
Wednesday	1.06⅜	1.35½
Thursday	1.07	1.37¼
Friday	1.06⅝	1.37¼

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
Unted States	791,000	720,000	748,000
United Kingdom	4,000	20,000	.....
Continent	732,000	583,000	783,000
Orders	71,000	126,000	500,000
Others	.....	20,000	31,000
Totals	1,598,000	1,469,000	2,062,000

Since January 1

To—	Bushels This year.	Bushels Last year.
United States	1,830,000	1,870,000
United Kingdom	75,000	153,000
Continent	1,500,000	2,134,000
Orders	1,043,000	1,728,000
Others	20,000	31,000
Totals	4,468,000	5,916,000

Visible Supply

	Bushels.
Last week	4,331,000
Previous week	3,937,000
Last year	5,906,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United Kingdom	380,000	96,000	60,000
Continent	8,000	.....	.....
Others	.....	60,000	.....
Totals	388,000	156,000	60,000

Since April 1—	Bushels This year.	Bushels Last year.
United Kingdom	9,604,000	6,587,000
Continent	788,000	268,000
Others	476,000	1,100,000
Totals	10,868,000	7,955,000

HULL, Jan. 20.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Bombay
Saturday	£10⅞	£12⅞
Monday	10⅞	12⅞
Tuesday	10⅞	12⅞
Wednesday	10⅞	12⅞
Thursday	10⅞	13
Friday	10⅞	13

Linseed Oil.—A fairly steady tone continued to prevail in the local market for linseed oil last week, but aside from this the situation lacked features of interest. Changes in flaxseed prices in foreign and domestic markets were generally moderate and quotations on oil were maintained by domestic crushers at former levels, the range being 7.9c. to 8.1c. per pound in tankcars, according to seller.

The market was extremely quiet so far as new business was concerned. There were reports of fair withdrawals here on unfilled contracts, and advices from outside points in some cases also noted a moderate movement to consumers and dealers.

Receipts of flaxseed in Northwestern markets were light and offerings were readily absorbed, with cash premiums over futures well maintained. Beneficial precipitation was received in some sections, but complaints of deficient moisture continued to be received from other parts of the Northwest. Bullish views were still heard concerning the crop situation in Argentina as well as in India, rain being urgently needed in the latter country.

Arrivals of flaxseed at New York last week were 320,436 bushels.

MINNEAPOLIS, Jan. 20.—Demand for linseed oil is lackadaisical at the moment and there is no feature to trade. A few small car lots are being picked up and there is fair interest displayed in round lots, but few actual sales are being made. Buyers are waiting to get a line on congress and also for more information regarding the Argentine crop. According to Buenos Aires advices the new crop of that country is being rushed to market. Shipping instructions here are fair and operations are proceeding at the rate of approximately 30 percent. Stocks on hand are dwindling slowly because of the meager current make.

Quotations on carload lots f.o.b. Minneapolis, tankcar lots, 8.3c. per pound, cooperage car lots 8.9c. per pound, warehouse lots 9.3c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	1,440,000	944,388
Since Sept. 1	25,988,953	22,692,879

SAN FRANCISCO, Jan. 17.—Purchases of linseed oil here since the start of the year have been practically nil and last week was no exception to this rule. Shipments against old contracts, however, are somewhat better. Quoted: — Tankcars, 8.3c. per pound; drum lots ex mill, 8.8c.; drum lots ex warehouse, 9.3c.

CHICAGO, Jan. 20.—Modest purchases at fairly frequent intervals have been the rule in the linseed oil market here in the last few days. Ruling prices are:—Tankcar, 8.3c. per pound; car lots, 8.9c.; less than car lots, 9.3c.

LONDON, Jan. 20.—Quotations on linseed oil were:—

	Per cwt. s.	Per cwt. d.
Saturday	22	9
Monday	22	9
Tuesday	22	7½
Wednesday	22	7½
Thursday	22	7½
Friday	22	7½

Cake and Meal.—The local market had an easier tone in the absence of any broadening of demand from foreign and domestic buyers. Quotations were reduced 50c. per ton. Purchasing was generally limited to comparatively small lots, the aggregate movement of such quantities being unimportant.

MINNEAPOLIS, Jan. 20. — Demand for meal is steady and offers are very light so prices are firm. Country roads are a little better than they have been, but still are in poor shape for hauling so distribution is hampered to some extent. Buyers are showing some interest in deferred meal, but crushers have no reserve stocks and are inclined to wait on the market before selling.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, nominally $41.00 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	2,520,000	2,424,065
Since Sept. 1	43,922,225	87,269,909

CHICAGO, Jan. 20.—Cold weather and snowfall in the north and northwest have been keeping feeders considerably interested in the linseed meal market, and tone is holding steady to strong. Ruling prices are:—Round lots, $40.50 to $41, mostly nominal; car lots, $41 to $41.50; less than car lots, $43 to $43.50.

Cottonseed Oil

Refined cottonseed oil futures were irregular, changes in prices being within moderate limits. Southern markets for crude oil were easy.

Cottonseed Oil.—The market for refined cottonseed oil futures was irregular last week, fluctuations in prices being frequent though generally moderate from day to day, the range between the highest and the lowest quotations of the week on the more active months being about 20 points. Early in the week the trend was upward with recent short sellers covering and commission houses making purchases on the idea that at least a temporary recovery was due after the recent rather sharp decline. Later on demand fell off and under renewed liquidation of long accounts and bearish pressure prices weakened.

Selling was of a less urgent character than in the previous week, however, and later on prices again turned upward with shorts covering. Trade interests also appeared in some cases to be inclined to purchase on soft spots. There was some switching from near to distant positions. March was switched to July at 20 to 21 points difference and to September at 22 points. May was switched to September at 13 points difference. Further tenders on January contracts brought the total up to 36 for the month thus far.

Southern markets for crude oil were easier though offerings were reported as light in all sections with crushers said to be contending that on the basis of existing prices for seed, crude oil was below the cost of production. There were reports of sales in a limited way, however, at 5⅞c. in the Southeast. The trend of lard futures was downward at times, though changes in quotations from day to day were not very wide, and to some speculative sentiment among traders in the West appeared to be less bearish than recently. An absence of offerings of foreign cottonseed oil was reported. On the other hand tallow and sardine, corn, peanut and soybean oils were easier. According to correspondence from the Coast supplies of sardine oil for the current season will be considerably larger than expected a while back.

There were reports of a fair demand for cash cottonseed oil and lard compound. Domestic trade in lard was reported as quiet but the export movement showed some increase. Clearances of lard from this port on the first two days of the week were more than 1,000,000 pounds, the destination being English ports. Exports of lard from Atlantic and Gulf ports from November 1 last to January 14 were 37,775,024 pounds against 43,849,717 pounds in the same time in the previous season. Receipts of hogs in the principal Western markets for four days of the week aggregated 252,700 head against 320,600 head in the same time last year. The weight of the hogs received in Chicago during the week ended January 14 averaged 248 pounds against 246 pounds in the previous week and 244 pounds in the week before that. Stocks of lard in Chicago increased 6,141,010 pounds during the first half of January bringing the total up to 63,134,400 pounds against 27,866,001 pounds a year ago.

Representative Knute Hill of Washington has introduced in Congress a bill (H.R. 2,536) to prohibit future trading in commodities through the mails or other instruments of interstate commerce. Dissemination of price information would be prohibited.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from January 14 to January 20, inclusive, comprised 1,056 contracts, a total of 63,360,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks High.	Low.	Close.
January	7.09	6.95	6.95 sale
March	7.13	6.93	7.01 sale
May	7.24	7.02	7.15 sale
July	7.33	7.11	7.24 sale
September	7.28	7.18	7.29@7.31

Crude, Southeast, .0587½@.0600.

Chicago, Jan. 20.—Some easing of tone is reported in the cottonseed oil market here recently. Quotations are revealing fractional declines. Good off-Summer yellow fig oil is 7⅛c. per pound. Refined edible oil is 9c. to 9½c. per pound, barrels, car lots, and 9¾c. to 10c., barrels, less than car lots.

Hull, Jan. 20.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	Refined. Per cwt. d.	Egyptian crude. Per cwt. s.	Egyptian crude. Per cwt. d.
Saturday	21	6	18	6
Monday	21	6	18	6
Tuesday	21	6	18	6
Wednesday	21	6	18	6
Thursday	21	6	18	6
Friday	21	6	18	6

Cake and Meal.—The tone of Southern markets for spot material appeared to be firm although there was little to record in the way of activity so far as new business was concerned. Offerings were light, however, and spot quotations were generally maintained.

Markets at Other Centers

Atlanta, Jan. 18.—Meal continues firm as prime crude oil weakens. Feed demand for meal continues active, while some is going into fertilizer channels. Weather conditions have prevented the usual January land preparation in the lower South. Quotas of cotton production are available to farmers, but in view of legislative proposals in Washington farmers are wondering if allotments are to mean anything.

Prime crude oil is quoted at 6c. per pound. Meal of the 8 percent grade at $24 per ton, Southeastern points.

Memphis, Jan. 20.—Crude cottonseed oil ruled quiet during the week. A few scattered sales were reported at 5⅞c. per pound. Today 6c. asked with offering light. Additional mills are closing down, awaiting better markets. Meal steady at $22.50 per ton for 41 percent, Memphis basis. Sales of bulk slab cake at $20 per ton, Valley points. Hulls $4 per ton. Some scattered lots of seed available at $27 per ton but movement about over for the season. Generally thought decline in cottonseed oil will bring about increase in consumption, and trade now expecting January figures to show larger than December.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	January 13.	January 20.
January	$22.40@22.60	$22.10@22.50
March	22.50@22.60	22.00@22.20
May	22.65@22.75	22.10@22.25
July	23.10@——	22.45@22.65

Fatty Acids

Capric Acid.—Quotations were held at the levels in effect in the previous week and the tone appeared to be steady, although there was little to record in the way of activity, makers of chemical bases and other consumers still being disinclined to purchase in advance of current needs.

Caproic Acid. — Business continued along the same conservative lines noted in recent preceding weeks, the movement of moderate quantities into local and other consuming channels being fair. Prices were stationary with the tone steady.

Coconut Oil.—A steady tone continued to prevail in the market for this fatty acid in the absence of any material change in the position of basic material. There were reports of a fair movement of moderate lots to makers of soaps, cosmetics, and shampoos.

Cottonseed Oil.—No broadening of business was noted, the continuation of a downward trend in basic material making consumers of this fatty acid inclined in some cases to hold aloof so far as the placing of new orders was concerned. The market had a steady tone.

Myristic Acid.—Demand was rather light last week but the movement recently has been sufficient to absorb the comparatively small output and the tone continued steady, quotations being maintained at former levels.

Stearic Acid.—Basic material was easier but the market for stearic acid retained a steady tone, selling schedules being maintained at recently advanced levels. Business lacked snap but there was a fair movement of mod-

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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

erate quantities into consuming channels.

Tall Oil.—Selling schedules were maintained at the levels in effect for some time past, with the tone steady. There was a fair movement of moderate lots into consuming channels in the manufacture of various oil and chemical compounds.

Markets at Other Centers

Chicago, Jan. 20.—The fatty acids market is a little irregular, apparently reflecting the somewhat confused and irregular movements in basic materials.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar, mostly nominal; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c., tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soapstock, 60-62 percent basis, 3c. to 3⅛c.; boiled down soapstock, 65 percent basis, 4c. to 4⅛c.; cottonseed foots, 50 percent basis, 1⅜c. to 1⅝c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—The local refined oil situation continued to be featured by a steady tone, with selling schedules maintained at former levels. There was apparently little change in the character of business during the week. In some quarters a somewhat better inquiry was noted, but consumers were still disposed, as a rule, to limit their takings to comparatively small quantities to fill current needs.

Sardine.—Consumers of refined oil were generally inclined to adhere to a conservative course in making purchases, and the movement for the week was made up chiefly of comparatively small lots. The market retained a steady tone, previous quotations remaining in effect. Crude oil was lower on the Coast, sales being reported at 28½c. per gallon.

Whale.—There were reports of a fair inquiry for refined oil, with the purchasing generally limited to moderate quantities for prompt shipment. The market retained a steady tone.

Markets at Other Centers

San Francisco, Jan. 17.—Northern California's surprising oversupply of sardines, which started their lush run during December in the face of predictions that the species was being depleted, together with the appointment of new members of the Fish and Game Commission by Governor Olson last week, were primary factors contributing to a release of some 70,000 additional tons for reduction purposes this season. The release, in the form of approximately 70 new permits for as many plants, of 1,000 tons each, was issued today to reduction operators, most all of whom in Northern California had used up the seasonal tonnage previously allotted them.

Meanwhile, the market price on oil had fallen off and further recesses were expected as a result of the large additional tonnage thrown open for reduction purposes. Sellers, previously holding for 30c. per gallon here accepted bids of 29c., and further trading late in the period was chalked up at 28½c. Operators momentarily expect the price level to drop to 28c., at which position large buying interests are in the picture. Some 100 tanks were reliably reported to have been dealt in during the week.

While official figures for oil reduction for the State as a whole are not available as yet for the month of December, the Fish and Game Commission reported today that that month was the largest on record for Northern California, a total tonnage of 92,144 yielding 3,304,888 gallons of oil.

The permits issued today supplement authorization already issued allowing the free reduction of 427,542 tons for the State at large this season. The 48 plants in Northern California have already used up their share of this allotment because of the heavy run of fish since the early part of December.

The permits were issued under a fire of protest from conservationists who maintained the three new members of the five-man Fish and Game Commission were acting without considering the best interests of the industry. A statement from the Governor's office practically admitted that conservation should be maintained for the balance of the season in Southern California because of the smallness of the fish. But the large, fat fish running in Northern waters justified further operations, the statement said, adding however, that no discrimination could be made between Northern and Southern California operators. The statement further said that of the new tonnage allowed it was expected that not more than 40,000 tons would actually be caught and used.

Baltimore, Jan. 18.—At last accounts menhaden fishing off the Carolina coast continued, though it is altogether probable that by now the turn in the weather from clear skies to snow, provided the precipitation extended so far down, put an end to further operations. The fish caught were small and yielded practically no oil, so that in this respect the fishing companies did not improve their position as regards this commodity. The talk was still of 30c. per gallon at factory, which would make the price hereabout 32c. No bids were being brought out, however, and it looks as if the season for this year has been written.

Fats and Greases

Grease.—A somewhat better inquiry was reported but consumers were not inclined to purchase in advance of current or nearby requirements. Offerings were reported as light and the market had a steadier tone.

Lard.—The trend of cash lard was downward at times in company with futures, but changes were generally within comparatively narrow limits, and to some the undertone of the market appeared to be better than was the case a while back. Domestic trade was quiet. The export movement showed some increase.

Stearin.—A steady tone prevailed, quotations generally being held at former levels. There was a fair inquiry.

Tallow.—Large buyers were apparently inclined to hold aloof for further developments but there were reports of a somewhat better inquiry for small or moderate lots from local and other consumers, the movement of such quantities in the aggregate being unimportant. Offerings were light and to some the tone of the market appeared to be steadier. The market in the West was reported as quiet and steady.

Trading in tallow futures on the New York Produce Exchange from January 14 to January 20, inclusive, comprised 22 contracts, a total of 1,320,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
March	5.50	5.40	5.35@5.48
April	5.50	5.50	5.45@5.53
May	5.55	5.52	5.50@5.60

Markets at Other Centers

Chicago, Jan. 20.—The statistical situation has been watched rather closely here recently in the cash lard trade. Receipts have been running heavier than a year ago recently. The trade seems to be mostly along rather cautious lines.

The range of lard quotations from the opening Saturday, January 14, to the close Friday, January 20, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.37	$6.40	$6.37	$6.55	$6.42
May	7.12	7.12	6.92	7.05	7.10
July	7.27	7.30	7.07	7.22	7.27

TALLOWS (tierces).—Edible, 5¾c. to 6c. per pound; prime, 5½c. to 5⅝c.; fancy, 5½c. to 5⅝c.; special, 5⅛c. to 5¼c.; No. 1, 5c. to 5¼c.

GREASES (tierces).—Choice white, 5⅜c. to 5⅝c. per pound; A white, 5c. to 5¼c.; B white, 5c. to 5⅛c.; yellow, 10-16, 4¾c. to 4⅞c.; yellow, 16-20, 4⅝c. to 4¾c.; brown, 4¼c. to 4½c.

STEARINS (barrels).—Prime oleo, 6½c. to 6¾c. per pound; lard, packages, 7½c. to 8c.; A white grease, 5⅜c. to 5⅝c.; yellow grease, 5c. to 5⅛c.; extra oleo stocks, 8c. to 8½c.; No. 2 stocks, 7½c. to 7¾c.

Liverpool, Jan. 20.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	January.	May.
	s. d.	s. d.	s. d.
Saturday	41 0	39 6	40 0
Monday	41 0	39 9	40 0
Tuesday	41 0	.. ..	39 9
Wednesday	40 6	39 0	39 3
Thursday	40 6	39 6	39 9
Friday	40 0	39 6	39 6

Liverpool, Jan. 20.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	16 6	17 6
Monday	16 6	17 6
Tuesday	16 6	17 6
Wednesday	16 6	17 6
Thursday	16 6	17 6
Friday	16 6	17 6

Animal Oils

Degras.—An easy tone prevailed, competition among sellers being keener in the absence of any broadening of trade. Quotations were shaded ½c. to 1c. per pound, according to description and quantity.

Lard.—The market had a firmer tone, supplies on spot having diminished. Extra was advanced ⅜c. and Winter strained ¼c. Quotations on other grades were maintained at former levels. The movement of moderate lots to local and other consumers was reported as somewhat larger.

Neatsfoot.—Prime oil was advanced ½c. and pure 1c. per pound. Other grades were unchanged with the tone of the market firm. Consumers were not disposed to anticipate but a somewhat better inquiry was noted for small or moderate quantities.

Oleo.—New developments in the way of price changes were lacking, the market being steady at the reduction noted in the previous week. There was a fair demand in a jobbing way.

Tallow.—Quotations were maintained at former levels, the tone of the market being steady. Business was quiet.

Markets at Other Centers

Chicago, Jan. 20.—Trade is quiet in animal oils. Values have experienced little or no change recently of any important nature.

LARD.—No. 1, 8½c. to 8¾c. per pound.
OLEO.—No. 2, 7¾c. to 8c. per pound.
TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks, and 8c. to 8¼c., barrels.

Waxes

Bees.—The market appeared to be definitely firmer although prices lacked quotable change. The demand was reported broader and in improved volume, thus giving a lift to a market that for some time had merely remained in well stabilized position. The tendency of prices late last week was upward.

Candelilla.—Values were very firm and well maintained. While spot business was not especially active, it was still an improvement over the somewhat slow request current in recent weeks.

Carnauba.—The No. 3 grades were ½c. higher, reflecting a very firm position in Brazil. The schedule was as follows:—No. 3 chalky, ton lots, 29½c. to 30c. per pound; 5-bag lots, 30c. to 30½c.; 1-bag lots, 30½c. to 32c.; No. 3 North Country, ton lots, 30½c. to 31c.; 5-bag lots, 31c. to 31½c.; 1-bag lots, 31½c. to 32c. Other qualities were firmer without showing quotable change. The cartel that for a considerable period of time had operated from Brazil through a single agent in this city has broken down and hence the market in Brazil has shown a trend toward operations free from artificial restrictions imposed by shipment quotations being fixed for this market through a single source.

Japan.—The market was definitely firmer and quotations were advanced to the basis of 10c. to 10¼c. per pound under the influence of a decrease in competition paralleled by strength at the source and some improvement in trade here.

Peanut Syndicate Established

An association known as the All-India Peanut Syndicate, Ltd., Bombay, was recently registered in India, according to a report to the Department of Commerce by the office of the American trade commissioner in Calcutta. The syndicate has an authorized capital of approximately $1,750,000, although the capital issued at present is only approximately $350,000 the report stated.

The objective of the association is to aid Indian producers and shippers who are at present realizing very low prices for their products despite the good foreign demand. It was also proposed to bring the various interests in direct contact with the best markets available and to minimize the losses which are being incurred at present. Storage and other facilities will be provided in Bombay and such other centers as may be found necessary and a certain percentage of cash will be advanced on the goods stored immediately on receipt and the balance after sale.

Oil Trades Ass'n to Meet

The Oil Trades Association of New York will hold its quarterly business meeting and dinner in the Waldorf-Astoria January 24. Dinner will be served at 7:30 p. m., preceded by a reception and followed by a floor show.

Margarin Manufacturing Operations Off in Nov.

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in November, 1938, compared with November 1937, as follows:—

	Pounds— Nov. 1938.	Nov. 1937.
Total production of uncolored oleomargarin..	*30,098,029	†37,361,016
Total withdrawn, tax paid	29,778,769	38,007,265

Ingredients used in the production of colored and uncolored margarin in November, 1938, compare with November, 1937, as follows:—

In Uncolored Margarin

	Pounds— Nov. 1938.	Nov. 1937.
Babassu oil	642,668	499,989
Coconut oil	6,976,189	5,601,308
Corn oil	113,343	108,816
Cottonseed oil	10,793,497	20,287,384
Derivative of glycerin	73,790	116,001
Lecithin	8,782	5,176
Milk	5,809,056	7,009,137
Neutral lard	108,282	156,261
Oleo oil	922,302	628,895
Oleo stearin	260,927	307,689
Oleo stock	107,983	58,190
Palm kernel oil	18,234	381,756
Peanut oil	245,562	239,753
Salt	1,264,551	1,731,173
Soda benzoate	11,616	16,332
Soybean oil	4,284,522	2,177,161
Soybean stearin	7,349	.....
Vitamin concentrate	1,215	.....
Total	31,649,868	39,325,020
Total production of colored oleomargarin	‡122,850	§113,887
Total withdrawn, tax paid	32,948	61,354

In Colored Margarin

Babassu oil	.....	874
Coconut oil	46,929	10,311
Color	141	102
Corn oil	136	2
Cottonseed oil	13,356	51,336
Derivative of glycerin	261	232
Lecithin	6	.....
Milk	29,131	27,421
Neutral lard	3,962	3,733
Oleo oil	17,959	20,917
Oleo stearin	490	1,200
Oleo stock	1,164	1,012
Palm kernel oil	66	925
Peanut oil	85	58
Salt	6,131	8,934
Soda benzoate	49	43
Soybean oil	18,557	9,415
Soybean stearin	27	.....
Vitamin concentrate	1	.....
Totals	138,451	136,515

* Of the amount produced, 24,163 pounds were reworked.
† Of the amount produced, 18,339 pounds were reworked.
‡ Of the amount produced, 77 pounds were reworked.
§ Of the amount produced, 32 pounds were reworked.

Trade Briefs

Unilever, Ltd., plans the erection of a soap and candle factory in Zilina, Czechoslovakia.

California Fish and Game Commission recently completed the construction of the "N. B. Scofield," considered most advanced fisheries survey and research vessel in the world, at the cost of $165,000.

South Carolina Cottonseed Crushers Association was host at a luncheon in Columbia, January 21, to State agricultural extension workers, county agricultural agents, and teachers of vocational agriculture. Programs and opportunities for cooperation were discussed.

Dividends Declared

Class and period.	Amt.	Pay.	Record.
Celotex Corp. Pfd. (Q)	$1.25	Feb. 1	Jan. 28
Champion Paper & Fiber Co., Pfd. (Q)	1.50	April 1	Mar. 20
Colgate-Palmolive-Peet Co. (Q)	.12½	Feb. 15	Jan. 24
Continental Can Co.	.50	Feb. 15	Jan. 25
Continental Oil Co. of Del.	.25	Mar. 31	Mar. 6
Crown Cork Int'l Corp. A (Q)	.25	April 1	Mar. 10
Crown Cork & Seal, Ltd.	.40	Feb. 15	Jan. 31
DeVilbiss Co. Pfd. (Q)	.17½	Jan. 16	Dec. 31
Dow Chemical Co. Pfd. (Q)	1.25	Feb. 15	Feb. 1
Dow Chemical Co.	.75	Feb. 15	Feb. 1
Goodyear Tire & Rubber Co.	.25	Mar. 15	Feb. 15
Smith Agricultural Chem. Co., Pfd. (Q)	1.50	Feb. 1	Jan. 21
Union Oil Co. of Calif.	.30	Feb. 10	Jan. 23

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Write for Samples
BARNSDALL REFINING CORP.
4533 Roosevelt Road Chicago, Ill.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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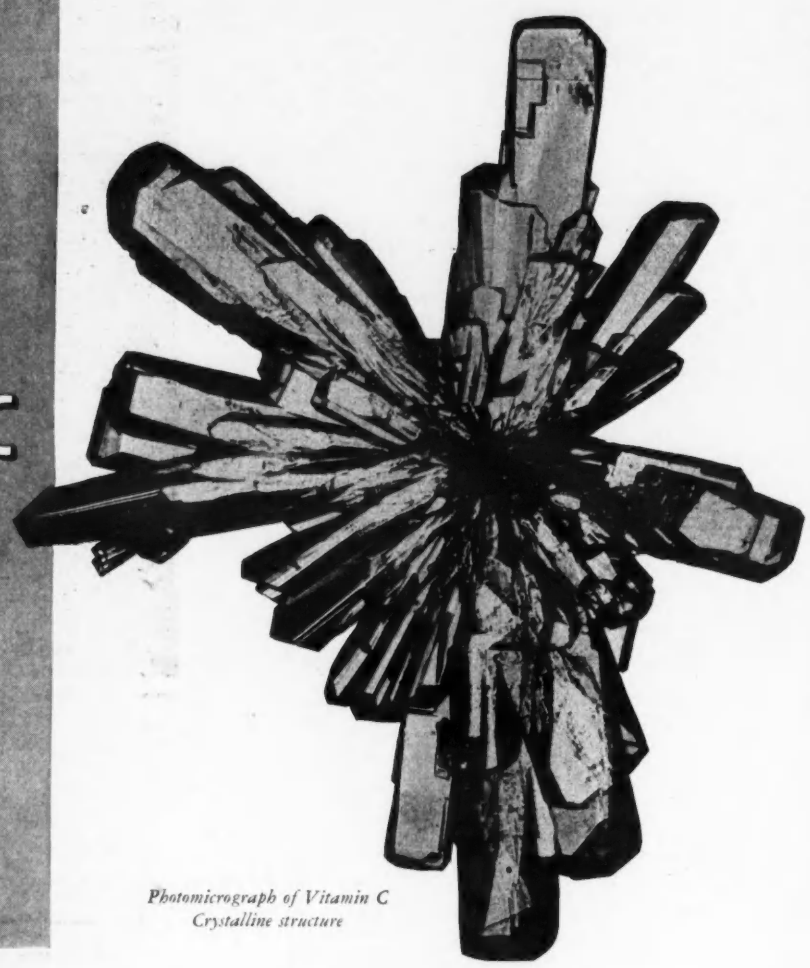

Photomicrograph of Vitamin C Crystalline structure

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New York • Philadelphia • St. Louis • *In Canada:* Merck & Co. Ltd., Montreal and Toronto

Drugs, Fine Chemicals

Amyl Alcohol and Acetate Reduced—Normal Butyl Alcohol Lower —Butyl Acetate Down—Quicksilver Firm as Output Dwindles—Rochelle Salt and Seidlitz Mixture Firm

Outstanding in the drug and fine chemical market were the reductions in prices on amyl alcohol and acetate, and butyl alcohol and acetate. All solvents seemed to be unsettled save that ethyl and denatured alcohol tended toward the firm or steady side of conditions. Rochelle salt and Seidlitz mixture failed to advance further but they were definitely firm. Quicksilver was well maintained in price and stocks of that metal were not accumulating. Mercurials were correspondingly well maintained in price. Iodine and iodides appeared to be well stabilized.

Seasonal items were reported moving in very good volume. Such materials as quinine, ammonia chloride, acetylsalicylic acid, codeine, morphine, guaiacol, creosote, potash and soda bromides, codliver oil, camphor, acetphenetidin, and acetanilide came in for a very good call and all prices ruled firmly.

Epsom salt was in fair request at very steady prices. Ephedrine moved well to smaller consumers but the larger manufacturers appeared to be fairly well stocked with the item. Cream of tartar and tartaric acid were on the firm side but prices failed to advance, though the markets showed strength. Strychnine makers were well prepared to meet the expected gain in demand during the coming Spring. California production of salines, including borates, potash, iodine, salt, soda, etc., in 1938 were valued at $12,800,000.

Acetone.—No further change in the price schedule was made. In the previous week the schedule on tankcar quantities had been reduced but that on drums had been left unchanged. Values then established were unchanged last week but the market was very competitive.

Acid, Acetylsalicylic. — Consumption was steady in quantities about normal for the market at this time of the year; in the main it was very good, having been stimulated by favorable climatic conditions. Prices were very steady.

Acid, Benzoic.—A steady market position was reported, with demand very fair much of the time and with prices being well stabilized throughout the entire period. Outlook for business during the months immediately ahead was encouraging.

Acid, Citric.—The producers were looking forward to that time when consumption shall rise in keeping with the season. Prices were reduced 1c. on Friday, making crystals, 21¼c. in 10,000-pound lots, one shipment; car lots, 21c.; smaller quantities, 22c. The decline was the result of a lowering of production cost.

Alcohol.—In general, demand for ethyl and denatured alcohol was reported to be quite satisfactory. While not expansive to an important degree, consumption was very steady and trade generally took place under conditions thought to be considerably improved over those prevailing in the not far distant past. A degree of stabilization seemed to have been achieved and it was felt that that condition would continue over the balance of this quarter at least. Completely denatured alcohol has moved to ultimate consumers under conditions productive of an excellent gallonage.

Aloin.—Expected advances in price have not come as yet, but the raw material market was fully as firm as at any time for a considerable period and hence the undertone of the market was one of substantial strength. The fact that prices over the past twelve months have risen sharply was believed to have checked an unquestioned upward tendency in values.

Amyl Acetate.—Quotations were reduced last week to the following basis: —Ex pentane, tanks, 9½c. per pound; drums, car lots, 10½c.; less than car lots, 11½c. The prices of this article ex fusel oil remained unchanged.

Amyl Alcohol. — Quotations on material made from pentane were reduced to the basis of 10.1c. per pound in tanks; drums, car lots, 11.1c.; less than car lots, 12.1c.

Bismuth Metal and Salts.—A steady and unchanged market, so far as prices were concerned, was noted last week. Consumption was noted in a volume about level with the movement in recent weeks and the general undertone was therefore on the firm side.

Butyl Acetate.—Both normal and secondary were reduced. The schedule of prices on the former became:—Tanks, 8c. per pound; drums, car lots, 9c.; less than car lots, 9½c.; secondary, tanks, 6c.; drums, car lots, 7c.; less than car lots, 7½c. Prices were on a freight allowed basis.

Butyl Alcohol. — Quotations on normal butyl alcohol were lowered to the basis of 8c. per pound in tanks; drums, car lots, 9c.; less than car lots, 9½c. A high degree of competition between producers was indicated. The secondary remained unchanged.

Cadmium.—Prices on metal have held steady since the recent past, when they were reduced to meet the condition brought about by the lowering of the duty on metal from Canada. Sales had a fair but routine movement at steady prices.

Castor Oil.—Well-held prices ruled in a market experiencing some improvement in consumer interest. The entire situation seemed to be steady and well maintained in all its aspects.

CHICAGO, Jan. 19.—Quiet market conditions have been prevailing in the castor oil market lately. No special broadening of actual demand or of interest is reported, but routine business is sufficient to give the market a fairly good tone. Inquiries are in fair volume. Ruling prices are:—No. 1, barrels, car lots, 10⅛c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; drums, less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; returnable drums, car lots, 9⅜c.; drums, less than car lots, 10⅛c.; tanks, 8⅞c.

Creosote.—Trade has been very good, stimulated by favorable weather and climatic conditions that have built volume close to its normal level at this period of the year. Prices were well stabilized.

Ephedrine.—Although very many of the larger manufacturing consumers were reported well supplied with this material, there was still a very fair movement to users of smaller quantities and on the whole the market was fairly steady notwithstanding the trend toward competition reported in the not far distant past.

Epsom Salt.—Reasonable good request, especially for technical material was reported and the market undertone was generally on the firm side. Consumption of U.S.P. quality was also very good and productive of well maintained prices. Stocks were ample.

Glycerin.—A market of substantially steady undertones was reported. While demand was not expansive, it was still of a sort preventing an undue accumulation of stocks in the hands of the leading producers. Production of crude was understood to be finding a fairly prompt movement to the refiners and with the foreign market higher than on spot.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Amyl alcohol, ½c. per lb.
Amyl acetate, ½c. per lb.
Butyl alcohol, normal, ½c. per lb.
Butyl acetate, ½c. per lb.
Citric acid, 1c. per lb.
Soda citrate, U.S.P. VIII, 1c. per lb.
U.S.P. XI, 2c. per lb.

Comparative Values

Index numbers compiled from thirty-nve typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year
182.6	182.6	182.7	181.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

PHARMACEUTICAL CHEMICALS

ACETANILID
ACETPHENETIDIN
CAFFEINE ALKALOID
CALCIUM LACTATE
GLUTAMIC ACIDS AND SALTS
REDUCED IRON
THEOPHYLLINE ALKALOID

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R.W. GREEFF & CO.
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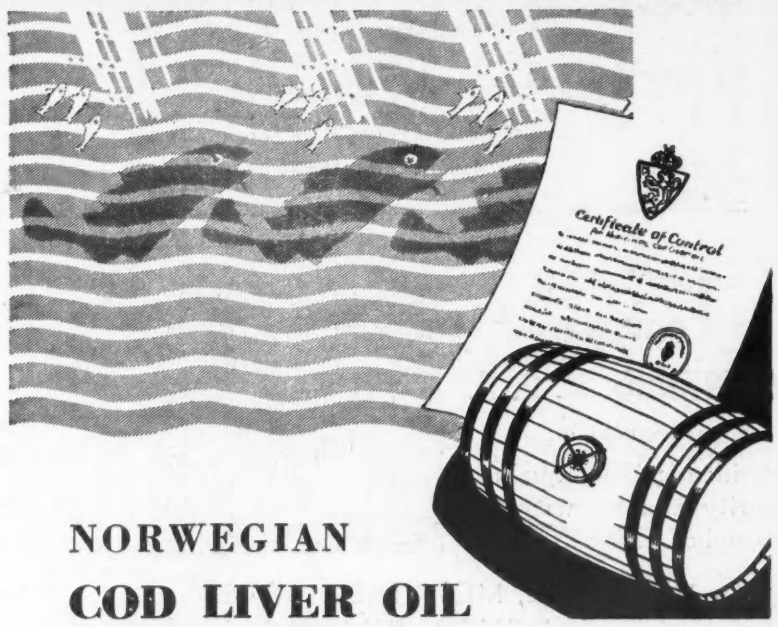

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conditions pointed to a fair degree of stabilization. Prices were entirely free from change.

CHICAGO, Jan. 19.—C.p. and other grades of glycerin continue steady, with a considerable amount of material moving. Buyers give evidence of willingness to take reasonably substantial amounts of material for their early needs and there is little speculation. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Iodine and Iodides.—Complete stabilization of the market appeared to prevail. While volume was not expansive, it was at least close to the normal movement of the group and in any event prices were well held on practically all materials.

Methanol.—Trade was very fair and a well sustained movement into consumption was deemed a reasonable prospect for business during the next few months. Prices were generally steady notwithstanding the fact that competition between makers of natural and synthetic material was fairly active.

Quicksilver.—The market on spot continued to be very quiet. However, the fact that all shipments reaching here from the Pacific Coast moved at once to consumers was counted an element of strength in the general position of the article. Production in California in 1938 totaled 11,500 flasks valued at $1,388,000. Imports for eleven months of 1938 totaled 179,522 pounds, comparing with 1,437,712 pounds in the equivalent period in 1937, and 1,190,440 pounds in the corresponding time in 1936.

SAN FRANCISCO, Jan. 17.—Not much inquiry from large buyers is present on this market but a fairly active trade was done with smaller users. Prices on quantities up to seventy-five flasks were $77 to $78 per flask. Stocks on the open market are apparently conservative in size.

Quinine.—Eleven month imports of sulphate totaled 882,946 ounces. Arrivals of other quinine salts and derivatives from cinchona bark totaled 1,435,930 ounces. The market on spot was active along seasonal lines and consumption was reported to be very good. Conditions were generally steady.

Seidlitz Mixture.—No further advance in quotations was reported but the market was said to be definitely firm in price and backed by a very good call from buyers.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	20¼
Monday	31½	42¾	20⅜
Tuesday	31½	42¾	20¼
Wednesday	31½	42¾	20⅛
Thursday	31½	42¾	20⅛
Friday	31½	42¾	20⅛

Soda Citrate.—Because of a decline of 1c. in the price of citric acid, quotations on this derived material were reduced to the following basis:—U.S.P. VIII, granular, barrels, 18½c. per pound; cans, 20½c. to 23½c.; kegs, 19½c.; U.S.P. XI, granular, barrels, 24c.; cans, 26c. to 29c.; kegs, 25c.; powder, barrels, 26½c.; cans, 26½c. to 29½c.; kegs, 25½c.

Philippines Pharmaceutical Makers Form Trade Ass'n

The Institute of Pharmaceutical Industries of the Philippines, the first of more than twelve manufacturers' institutes which the Bureau of Commerce is undertaking to organize, has been formed for the purpose of enabling its members to effect cooperative buying of raw materials, together with the enforcement of standards of quality or grade in the products made by the associated manufacturers, according to the office of the American trade commissioner in Manila.

Mallinckrodt Leads Bowlers

The Mallinckrodt team held the lead in the New York Wholesale Drug Bowling League. The standing follows:—

	Won.	Lost.
Mallinckrodt Chemical	22	11
Church & Dwight	21	12
E. R. Squibb & Sons	20	13
Carbide & Carbon	18	15
Chas. Pfizer & Co.	18	15
Chas. L. Huisking, Inc.	17	16
Fritzsche Bros. Co.	15	18
R&H of Du Pont	14	22
Lanman-Kemp-Barclay	13	23
American Spice Trade	10	23

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Dependable Products Since 1873
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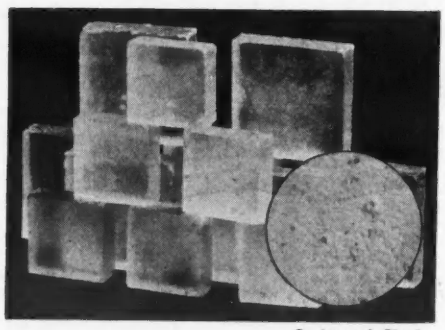

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A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

R.D.Keim Discusses Drug Industry Outlook

—Continued from page 5

tect his trademark and the goodwill he has established, as well as to stabilize the market he has created for his products.

Furthermore, those laws are in the interest of the consuming public, for they protect consumers against unfair trade practices in the wholesale and retail distribution of standard drug products that have an established nationwide reputation for their inherent

R. D. Keim

quality and because they have rendered a real service to the consumer, having withstood the pitiless light of publicity, which cannot be said for products distributed and marketed under unknown brands and labels.

While it is difficult at this time to actually prophesy what 1939 will bring in the way of business conditions in our industry, we know now that, according to preliminary estimates issued currently by Harry L. Hopkins, newly appointed Secretary of Commerce, the total sales volume of retail drug stores in 1938 was only 2.5 percent below 1937, and that is a good barometer by which we can measure the prospects that are ahead for the current year in our industry, especially since it is estimated that the average of all retail sales was 11.6 percent down for 1938 as compared to 1937.

Because our industry is not subject to such great fluctuations in volume from year to year as other large industries, it affords more stable and constant employment for workers who must be trained and skilled for the functions they must perform in our respective manufacturing enterprises. Nevertheless, labor conditions should be carefully studied in our industry, in order to avoid any disturbances that will interfere with the production and distribution of medicinal products that, in the final analysis, concern the public health.

Public Relations

If our industry as a whole will continue to put its house in order and proceed in a realistic manner with the readjustments that must be made in the labeling, advertising, professional promotion and the wholesale and retail distribution of the products of our laboratories, in accordance with the two acts passed by Congress in 1938, I firmly believe we can look forward with optimism toward 1939 and for many years to come.

The drug, pharmaceutical, and biological industry not alone in the manufacturing field but also in the wholesale and retail distribution of medicinal products will continue to flourish and gain prestige with the consuming public in direct proportion to the manner in which it raises its standards of business conduct and the scientific service it renders, not alone to the medical, dental, and pharmaceutical professions, but especially to the people of the United States and also to the entire world, as an industry that is making a real contribution toward the welfare of mankind.

With this thought in mind, the importance of a sound, ethical program of public relations by our industry as a whole should receive greater recognition on the part of all manufacturers of drug, pharmaceutical, and biological products, and I firmly believe that it is through organizations, such as this one, we can most effectively educate the consuming public to a greater appreciation of the service we render it in our particular field of activity.

Glycols Applications In Industry Told

"Industrial Applications of the Glycols" was the subject of a comprehensive paper by H. B. McClure, of the Carbide & Carbon Chemicals Corporation, this city, presented at the recent meeting of the American Association for the Advancement of Science. Mr. McClure pointed out that, since the first tankcar of ethyleneglycol was shipped twelve years ago, six different glycols and fifty different glycol derivatives have been made available in commercial quantities. A recent count of their industrial uses showed that there are almost 150 applications for glycols themselves without considering their chemical derivatives.

In respect of some of these uses Mr. McClure said:—

Glycols and their derivatives affect almost every object made in the last few years. Modern midget radios, for instance, are made possible by compact, efficient condensers in which ethyleneglycol plays an important part. The same type of condensers are also used extensively in electric refrigerators. Again, a glycol derivative is used as the plasticizer for the resin used in the latest type of safety glass.

Diethyleneglycol is used as a lubricant for worsted fibers during the manufacture of yarn. It decreases fiber breakage, yet can be quickly removed by rinsing with water. Silk skeins, too, when imported, are softened by this glycol before they can be unraveled and knitted or woven.

As an antifreeze, glycols are used in considerable quantities. "Eveready" "Prestone" antifreeze contains ethyleneglycol as its major constituent, as well as a few percent of special ingredients which reduce the corrosive action of the water in the cooling system 95 percent on ferrous metals and 75 percent on nonferrous metals. Milk-and-beer cooling systems often make use of propyleneglycol as an antifreeze. Most recently, glycols have been used as the sole coolant in aircraft engines. No water is used with the glycol in this application. The plane that finished third in the 1938 Cleveland air races was powered by a glycol-cooled engine, as was the United States Army bomber which, with a full load, recently broke the speed record between Dayton and Buffalo.

In the decade that the glycols and their derivatives have been commercially available, they have helped, not only to improve old products and processes, but also to create new ones. Because they are made synthetically, their manufacture can be closely controlled and they can be held to rigid specifications. They readily lend themselves to "custom-building" and it is possible, by choosing the correct compound, to obtain one with the desired boiling point, viscosity and water solubility. With these advantages, it is no wonder that they have firmly entrenched themselves in many industrial uses.

DOW

PHENOL

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It was Lister who had the idea that the recently discovered carbolic acid, which Gerhardt named phenol, might prevent the formation of pus in cases of compound fracture. He was seeking a substance which would make an open wound behave like a closed one. In 1865 Lister tried out his idea in the case of an 11-year-old boy who suffered a compound fracture of the tibia when he was run over by a wagon. The experiment was a success. This was the beginning of the acceptance of phenol as an antiseptic in surgery.

Dow is recognized as the foremost producer of synthetic phenol and this remarkably useful Dow product is a strong favorite in the drug and pharmaceutical trades.

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And sometimes we use MORE than 20 lbs. of flowers to produce one gallon of PYREFUME. A standardized pyrethrins potency is our aim and not merely a 20 to 1 extract.

Prices May Rise Markedly

All indications point to a rising rather than a falling price on Pyrethrum flowers. It will be recalled that last year the Pyrethrum market advanced sharply in the spring. If you are one of those consumers of Pyrethrum Extract who have not yet contracted for 1939, why not let us quote you on the quantity you are interested in having delivered by September 30th ?

PYREFUME . . . tested for above standard "knock-down-and-kill" potency, unique in stability, clear blending, unusually non-staining, singularly free from unpleasant odor, low in cost.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

N.Y.Drug-Chemical Group Regard Future Promising

—Continued from page 3

would put a stop to practices which have a detrimental influence on public opinion. He said that honest industry would be benefited by a cooperative attitude toward the enforcement of the drug and advertising laws, and he cited results of the activities of the Proprietary Association in the supervision of advertising.

Wholesaling

The importance and economic value of the wholesaler in the distribution of drug-trade merchandise were presented by William J. Schieffelin, president of Schieffelin & Co. He urged the value for business stability of a better understanding between employer and employee with full knowledge by the latter of the cost of operating a business and the various items which constitute this cost.

Strongly endorsing fair trade endeavors, Mr. Schieffelin warned that these could not be successful if they were primarily or predominantly directed to getting high prices.

Trade Press

The journals of the trades look for a big job because of legislative activities, said Hugh Craig, of the OIL, PAINT AND DRUG REPORTER, who spoke for the trade press. He pointed out that a necessary job awaited doing by the trade publications for manufacturers in the face of new technologic competitive conditions in the field of raw materials and of three new conditions in the marketing of consumer goods. In this respect he said:—

In the first place the vociferous bunds which profess to safeguard the welfare of the consumer are going to make deadly parallels. They are going to seize upon the drug law's requirement that the components of a drug be named on the label to make strong contentions that a given drug does not have the virtues ascribed to it in the manufacturer's advertising. This will necessitate careful consideration of pharmacology and pharmacodynamics in making therapeutic claims.

Second, the spread of cooperative and socialized medicine will constrict the marketing of preparations for self-medication.

Third, a movement is already under way to restrict the sale of packaged medicines to pharmacists, because, with the disclosure of components on the label, the particular qualifications of the pharmacist now mean something in the consumer's selection of a medicine.

So, there is a necessary job for the trade publications to do in unifying the several divisions of the drug trade in essential collaboration—this can't be done with radio continuities. The measure of the benefits which the trade publications will draw from this demand upon them will be directly proportionate to those accuring to the trades they serve.

The forum was convened by William D. Barry, of Mallinckrodt Chemical Works, vice-chairman of the section. The program was handled by K. B. Hurd, vice-president of the *American Druggist*. Philip M. Dinkins, of the American Cyanamid & Chemical Corporation, former chairman of the section, expressed appreciation for the contributions to the forum, remarking that the drug and chemical industries were always foremost in the promotion of progress.

F.T.C. Order Hits Exclusive Dealing Pacts

—Continued from page 5

missions, discounts or compensation of any kind upon the agreement or understanding of such dealer that he shall not deal in the products of a competitor of National Biscuit Company.

The order further prohibits the making of any sale or contract for the sale of bakery and packaged food products for use, consumption or resale, or the fixing of a price charged therefor, or discount from, or rebate upon such price, on the condition, agreement or understanding that the purchaser thereof shall not use or deal in the goods, wares, merchandise, supplies or other commodities of competitors of National Biscuit Company.

U. S. Corn Sugar & Syrup Refineries, Inc., is the new corporate name taken by the Iowa Distilling Corporation. The company has also increased its capital from $450,000 to $1,000,000.

Loss Leader Ban Proposed for D.C.

OPD Washington Bureau
January 18, 1939

A bill (H.R. 274) to prevent sales below cost in the District of Columbia has been introduced in the House by Representative Howard W. Smith of Virginia.

The measure defines as an unfair method of competition "contrary to public policy and in contravention of the policy of the act," "advertisement, offer to sell, or sale of any merchandise, either by retailers or wholesalers, at less than cost as defined in this act, with the intent, effect, or result of unfairly diverting trade from, or otherwise injurying a competitor, or with the result of deceiving any purchaser or prospective purchaser, substantially lessening competition, unreasonably restraining trade, or tending to create a monopoly in any line of commerce."

Sales by retailers at less than cost to the retailer, or by wholesalers at less than cost to the wholesaler, when in contravention of the policy of the act, are declared to be misdemeanors, punishable upon conviction by fines of not more than $500. The courts of the district are specifically invested with jurisdiction to prevent and restrain violations.

"Cost to the wholesaler" is defined to mean "the invoice cost of the merchandise to the wholesaler, or the replacement cost of the merchandise to the wholesaler within thirty days prior to date of sale, in the quantity last purchased, whichever is lower, less all trade discounts except customary discounts for cash; to which shall be added (1) freight charges not otherwise included in the cost of the merchandise, and (2) cartage to the retail outlet if done and paid for by the wholesaler, which cartage cost shall be deemed to be three-fourths of 1 per centum of the cost of the merchandise to the wholesalers as herein defined, unless said wholesaler claims and proves a lower cartage cost."

"Cost to the retailer" means, under the bill, "the invoice cost of the merchandise to the retailer, or the replacement cost of the merchandise to the retailer within thirty days prior to the date of sale, in the quantity last purchased, whichever is lower, less all trade discounts except customary discounts for cash; to which shall be added (1) freight charges not otherwise included in the cost of the merchandise; (2) cartage to retail outlet if done or paid for by the retailer, which cartage cost shall be deemed to be three-fourths of 1 per centum of the cost of the merchandise to the retailer as herein defined, unless said retailer claims and proves a lower cartage cost; and (3) a mark-up to cover in part the cost of doing business, which mark-up in the absence of proof of a lesser cost, shall be 6 per centum of the total cost at retail outlet."

Exemptions provide that the regulations would not apply to sales at retail or sales at wholesale (a) where merchandise is sold in bona fide clearance sales, if advertised, marked, and sold as such; (b) where the merchandise is fresh fruits or fresh vegetables or farm products when the sales are made by the producers thereof, or where perishable merchandise must be sold promptly in order to forestall loss; (c) where merchandise is imperfect or damaged, or is being discontinued, and is advertised, marked, and sold as such; (d) where merchandise is sold upon the final liquidation of any business; (e) where merchandise is sold for charitable purposes or to relief agencies; (f) where merchandise is sold on contract to departments of governments or governmental institutions; (g) where the price of merchandise is made in good faith to meet lawful competition; (h) where sales are made by one wholesaler to another wholesaler or by one retailer to another retailer for the purpose of accommodation; (i) where merchandise is sold by an officer acting under the order or direction of any court or by any fiduciary, or by any trustee in a deed of trust or deed of assignment for the benefit of creditors.

William E. Locke has been reappointed to the State of Virginia Board of Pharmacy for a term of five years, beginning March 1.

Botanical Drugs, Spices, and Gums

Cascara Shaded Under Competition—Spanish Saffron in Sharp Advance—Mexican Vanilla Cuts Higher—Buchu Competitive At Decline—Gamboge Gum Shaded—Shipment Arabic Down

Even though actual sales of botanical drugs did not increase appreciably last week, the general report was that more inquiry had reached the local market and the gain in interest was counted a sign of probable increase in buying for consumption between now and the end of the Spring season.

The encouraging feature of the market was the general stability of most prices. To be sure, competition was very keen, the more so because of the absence of normal volume of sales. Prices were being shaded to meet special conditions and that practice in the market counted in favor of buyers. However, it was significant that actual reductions in openly acknowledged schedules were not numerous. Lack of normal business has not led to any general attempt to tempt buyers to greater activity by offering "bargains" unsolicited. It was a case of prices being shaded to get definitely proposed business and not one in which sellers attempted to develop definite orders through the stimulus of open price reduction.

In effecting this policy, dealers were aided by the fact that based on normal consuming requirements, stocks were not unduly large. They were comfortable in size when it came to meeting actual demand, but they were far from being excessive either here or in the primary markets.

Entries of botanicals at the port of New York since the week of January 1, 1939, the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	50
Belladonna	...	...
Caraway	...	2,300
Cardamom (cases)	...	48
Celery	...	...
Coriander	...	575
Cumin	...	464
Digitalis leaves (cases)	...	...
Dill	...	...
Fennel	...	...
Henbane leaves (bales)	...	...
Mustard	...	1,827
Poppy	...	4,906
Sage leaves (bales)	...	771
Sesame	13	893
Stramonium (bales)	...	28
Thyme (bales)	...	68

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cassia fistula, ½c. per lb.
Canary seed, Morocco, ¼c. per lb.
Turkish, ¼c. per lb.
Argentine, ¼c. per lb.
Celery seed, French, ¼c. per lb.
Indian, ¼c. per lb.
Coriander seed, natural, ¼c. per lb.
Cumin seed, Algerian, ¼c. per lb.
Cassia, Batavia, No. 1, ½c. per lb.
shortstick, ½c. per lb.
Ginger root, African, ¼c. per lb.
Jamaica, medium bold, 1c. per lb.
bright grinding, ¼c. per lb.
Nutmegs, 110's, ¼c. per lb.
Saffron, Spanish, $1.50 per lb.
Vanilla beans, Mexican, cuts, 25c. per lb.

Reduced

Buchu leaves, 2c. per lb.
Belladonna root, 1c. per lb.
Cascara bark, ½c. per lb.
Echinacea root, 1c. per lb.
Gamboge gum, 5c. per lb.
Ginger root, Cochin, 1c. per lb.
Ladyslipper root, 1c. per lb.
Manaca root, 1c. per lb.
Pepper, black, Lampong, 2½c. per lb.
white, Saigon, ¼c. per lb.
Pimento, ½c. per lb.
Saffron, Mexican, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:

Last week.	Prev. week.	Last month.	Last year.
118.2	**118.5**	**119.0**	**135.9**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba. — Quiet trade, but very steady prices were reported last week, and the whole situation appeared to be one of fair stabilization so far as prices were concerned.

Peru.—Not much interest was disclosed in this material last week. Transactions were infrequent and mainly of jobbing size. Prices were about steady in keeping with well maintained replacement cost.

Barks

Cascara Sagrada.—Business was competitive and a lower price of 10½c. to 11c. per pound was believed to have been shaded last week when a firm order reached the local market. Thus far, Pacific Coast prices have held fairly well. Activities in the forests should start in the not far distant future.

Cinchona.—The U.S.P. quality of red and yellow chips was reported obtainable with difficulty at the source. Some said that nothing was available. The market was stronger at 25c. to 26c. per pound for red and 24c. to 25c. for yellow.

Sassafras.—More bark was moving last week and the market developed a firmer undertone without actually showing change in price. The gain in trade was along seasonal lines.

Soap.—Largest consumers have not been in the market for much material of late, mainly because of the fact that factory operations have not expanded substantially. Prices were quiet, but steady.

Wild Cherry.—Moving along seasonal lines, this article reached a fair volume last week, though the total was probably less than normal. Prices were steady.

Beans

Tonka.—Two qualities of beans from Brazil, known locally as Para and Surinam beans, were held fairly steady at prices ranging from $1 to $1.10 per pound for whole goods. Angostura means were in moderate supply but moved slowly at unchanged prices.

Vanilla.—Good business was reported done in both prompt and later delivery merchandise. All markets were strong in undertone and on spot, some important sellers were refusing to book business more than from sixty to ninety days ahead. Prices were strong everywhere. Mexican cuts on spot were higher at $4.75 to $5 per pound.

Berries

Juniper.—Very good consumption was reported but most users were reported carrying sufficient stocks to keep their local operations rather narrow and to restrict somewhat their interest in forward delivery commitments. Prices were steady.

Prickly Ash.—Local sellers still reported inability to place orders at the source and hence any price noted on spot would be a purely nominal quotation. Collection at the last crop was very poor.

Flowers

Arnica.—Prices were firm but trade was light and irregular, rarely rising above jobbing size at any time last week. Replacement cost held very steady.

Chamomile.—Interest in Hungarian flowers was quiet and along lines common to the market in midwinter. Prices were declared to be exceptionally steady at home and abroad. Broadening of trade was expected to come with the arrival of Spring.

Linden.—The market was very steady regardless of the lack of substantial trading during the period under review. Well maintained prices were the general rule and on spot the situation coincided with that ruling in the European markets.

Saffron.—Spanish flowers were advanced to $29 to $31 per pound in the closing hours of the previous week. Following receipt of higher cables, spot quotations rose and during the period under review, still higher cables were received without producing reaction on spot prices. Mexican saffron was lower at 27c. to 28c. per pound to meet competition.

Gums

Arabic.—Shipment cables have come in slightly lower together with intimations of the market at the source being slightly unsettled. Spot quotations on sorts were unchanged but were also easier in undertone with the tendency being favorable for buyers with orders to place.

Camphor.—Prices on tablets of natural material from Japan failed to ease. Also slabs and powder held very steady. Synthetic material displayed a steady undertone with a fair call being reported readily supplied out of ample reserves.

Gamboge.—Late in the previous week, quotations were reduced to 55c. to 60c. per pound on pipe and to 60c. to 65c. for powder. This appeared to be a development related mainly to local competition.

Karaya.—A fair and generally steady movement was noted and trade was current in a volume sufficient to give prices general support in the absence of much in the way of competition.

Myrrh.—Arrivals have relieved the tension noted locally in the recent past and throughout the past week the market had a steady undertone and market conditions were close to being normal.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Herbs and Leaves

Buchu.—Prices ranged 32c. to 34c. per pound according to variety of material offered. It was a slow market in which sales were uniformly small in size and not productive of more than conservative volume.

Digitalis.—Undertones were steadier and prices were maintained on spot at a position in line with the first cost of replacement material. Demand was moderate to light and not especially steady. Stocks were not unduly large.

Sage.—Consumption by the foodstuff industry was running well to seasonal expectations and a market of firm undertones was prevalent throughout the past week. Prices were well maintained.

Stramonium.—Although demand was not very active, prices were steady to firm under the influence of a lack of more than moderate reserves in the hands of local suppliers.

Uva Ursi.—Normal replacement buying was impossible and, hence, the absence of much spot trade remained without effect on prices. However, the situation still made for exceptionally steady quotations and a general lack of tendency to accept bids.

Miscellaneous

Cassia Fistula.—The spot price was 8½c. to 9½c. per pound according to quantity and appeared to be a readjustment that brought recently minimum

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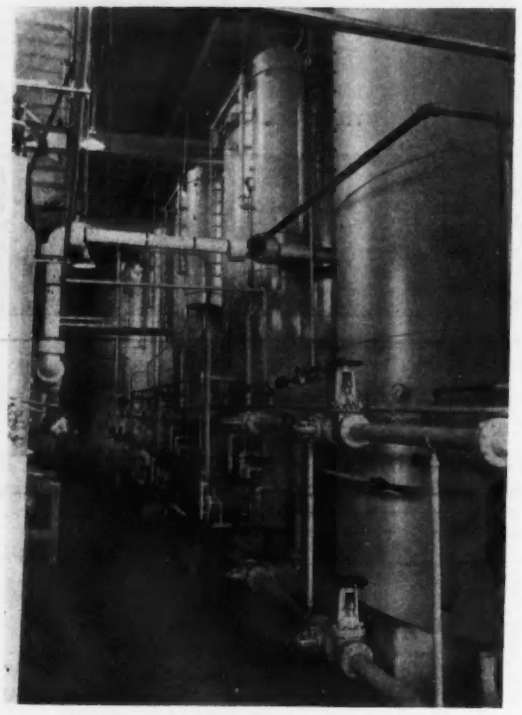

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quotations to the level most generally asked by the local trade.

Grains of Paradise.—Most normal suppliers of this material lacked stocks. The limited quantity still available was held last week at 60c. to 61c. per pound, last sales having been made at 55c.

Guarana.—More inquiry was reported in one quarter, but trade as a whole was probably little if any larger than the conservative volume current in recent weeks. Prices were, however, a trifle firmer under the influence of a lessened competition between dealers.

Lycopodium.—Importers reported inability to place normal replacement orders abroad. The USSR recently announced its intention to ship nothing for some time to come, home consumption engaging available stocks. Hence, the local market was firm while being also dull.

Roots

Belladonna.—Locally, the market was slightly lower at 12c. to 13c. per pound as the result of competition. However, competitive tendency as to prices was held in check by the inability to replace at lower prices abroad.

Echinacea.—While considered to be a generally firm article, there were signs that pointed toward a quiet competition that was well concealed beneath the surface of the market. Prices were openly but slightly lower at 16c. to 17c. per pound.

Ladyslipper.—A quiet competition was prevalent and firm orders in hand could have been placed last week under competitive circumstances at 42c. to 43c. per pound. Supplies have shrunken but little of late.

Manaca.—Although the supply was moderate, so was demand. It was sufficiently inactive to lead a local supplier to accept business last week at 17c. to 18c. per pound.

Rhubarb. — Shipment prices were firmer to higher without those on spot being promptly affected. However, some sellers were less inclined to accept bids.

Senega. — The country price was strongly held by the comparatively few holders into whose hands the conservative stock has been concentrated. Immediate demand was light last week, reflecting the result of good business late last year. Some expect a larger call between now and the end of Spring.

Seeds

Anise.—Firm to steady prices prevailed, though trading was restricted to small lots.

Canary.—Prices rose for shipment. On spot they were higher at 4½c. to 5c. per pound for Morocco; Turkish, 4⅛c. to 4½c.; Argentine, 4c. to 4½c.

Celery. — Values were fractionally higher at 13½c. to 14c. per pound for French, and 11½c. to 12c. for Indian seed.

Coriander.—More inquiry and selling led to an advance in spot quotations to the basis of 4½c. to 5c. per pound.

Cumin.—Algerian seed was advanced to 8c. to 8⅜c. per pound. No Morocco seed was available.

Spices

Cassia.—Batavia No. 1 was higher at 15¾c. to 16¼c. per pound; Shortstick, 12c. to 12½c.; broken, 9¾c. to 10¼c. China spice remained very steady.

Ginger.—The decline was checked. African material reacted upward to 5¾c. to 6¼c. per pound; Cochin, lemon, 6½c. to 7c., being off a shade. Medium bold Jamaica rose to 9¼c. to 9¾c., and the bright grinding stood at 9¼c. to 9¾c. Japanese was unchanged.

Pepper.—Black Lampong was shaded to 4⅜c. to 4¾c. per pound. White Saigon was down to 7c. to 7½c. Other kinds of pepper lacked quotable change.

Trading in black pepper futures on the New York Produce Exchange from January 14 to January 20, inclusive, comprised 510 contracts, a total of 17,136,000 pounds. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	4.26	3.80	3.98@4.05
February	3.90	3.90	4.03 Nom
March	4.43	3.93	4.05@4.10
May	4.50	4.02	4.16@4.20
July	4.64	4.11	4.25@4.28
September	4.59	4.22	4.36 sale
October	4.60	4.30	4.38@4.42
November	4.65	4.35	4.42@4.47
December	4.83	4.35	4.47 sale

Pimento. — Competition was more prominent and business was done at a decline to 14¼c. to 14¾c. per pound. The replacement cost changed little of any.

Narcotics Survey By P.H.S. Proposed

OPD Washington Bureau
January 17, 1939

The United States Public Health Service would be directed to make a survey of narcotic drug conditions in the United States under the terms of a joint resolution (H. J. R. 103) introduced in the house by Representative John M. Coffee of Washington.

The survey would cover "conditions in the United States existing now and during the past twenty-five years with respect to the importation, production, distribution, and use of narcotics, in order to secure full information as to (a) the extent of unlawful activities with respect to narcotics, and the number of persons connected with such activities; (b) the extent of addiction to the use of narcotics in the several States and Territories, the number of addicts therein, the causes of addiction, the availability and use of various kinds of treatment, and other related matters; and (c) the conditions and trends with respect to the prevalence of evils arising from narcotics, with a view to aiding Congress to enact laws, and aiding the law-enforcing agencies to administer the laws, so as to properly protect the people from such evils."

The Public Health Service is authorized to cooperate with public and private agencies interested in narcotic problems, for purposes of the survey, and the resolution authorizes the appropriation of such funds as may be necessary for the study.

Cadmium Output and Sales Showed Decline in 1938

Preliminary figures covering actual totals for eleven months, plus an estimate for December, indicate that 3,750,000 pounds of primary metallic cadmium were produced in 1938, compared with 3,995,739 pounds in 1937 and 3,633,495 pounds in 1936. Sales in 1938 were 2,100,000 pounds, compared witht 3,801,321 pounds in 1937 and 3,626,669 pounds in 1936, according to the Bureau of Mines.

The Bureau of Foreign and Domestic Commerce reports that imports of cadmium during the first eleven months of 1938 totaled 20,342 pounds, compared with 828,535 pounds in all of 1937, and 576,139 pounds in 1936.

The total cadmium content of compounds produced in 1938 is estimated to have been 430,000 pounds, compared with 828,000 pounds in 1937 and 626,800 pounds in 1936. The principal compounds reported for 1938 were cadmium sulphide, cadmium oxide, cadmium lithopone, and cadmium selenide.

United-Whalen Buys Chain Started by Neve

—Continued from page 3

The Neve corporation, which operated sixty-six stores, was petitioned into bankruptcy in August, 1930, and interested parties were advised in notices on the stores' doors to communicate with the Whelan Drug Company, also controlled by United Cigar Stores interests. Mr. Neve and others interviewed in the bankruptcy proceedings, charging preferential payments and agreements in respect of the United Cigar and United Retail Chemists interests. The bankruptcy order was issued in October, 1930.

Claro Depilatory Defended

Claro Laboratories, South Bend, Ind., has filed an answer with the Federal Trade Commission defending its depilatory product, 'Claro.' The commission had charged that the company was falsely advertising that 'Claro' will permanently remove surplus hair from the body, that it is safe and nonirritating, and that claims made for the product are guaranteed. The answer claims that the product is safe and nonirritating, and that the word, "banish," used in advertising does not imply that hair is permanently removed. The public knows that depilatories merely dissolve superfluous hair, the answer states, adding that in addition to this action 'Claro' also retards regrowth.

Medicinal and toiletry manufacturers in Argentina have been compiled by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at 10 cents per copy.

Essential Oils, Aromatic Chemicals

Arrivals of Camphor Oil Relieve Scarcity and Bring Lower Prices —Java Citronella Sells Far Under Ceylon Oil Price —Petitgrain Competitive and Lower

Some reports concerning business in the market for essential oils and aromatic chemicals indicated a moderate improvement in trade. Some quarters said that volume was in line with that fairly common to the market during this period of year, while others intimated that if volume was not actually higher, inquiry was at least more active. Basically, the market appeared to be generally steady in the matter of prices.

An element prominent in supporting most values on spot was the inability to replace under conditions suggesting further shading of primary market values. Furthermore, political conditions, to some extent, have supplanted the law of supply and demand so far as the influencing of prices was concerned. Last week, the conditions in Spain, China, and the fareast were cited in support of the contention that the normal play of supply and demand had been upset in some measure. Furthermore, conditions in Europe were also not free from similar influences. Conversation last week showed that those who went through the 1914-1918 period are not unmindful of what can happen to values when normal shipment of merchandise stops.

For these and other reasons, present prices were felt to be basic and likely to hold however moderate may be consuming demand. Lower quotations came on camphor, Java citronella, Bourbon geranium, distilled lime, and petitgrain oils.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Camphor, sassafrassy, 2c. per lb.
white, 4c. per lb.
Citronella, Java, 5c. per lb.
Geranium, Bourbon, 15c. per lb.
Lime, distilled, Mexican, 10c. per lb.
West Indian, 25c. per lb.
Petitgrain, Paraguay, 2½c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.3	68.7	68.7	78.8

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Anise.—Values were fully steady and at current levels were said to be in line with the replacement cost of the article. Actual demand was moderate in local circles but absence of substantial trading failed to have adverse effect on the views of local suppliers.

Bay.—Agents for the best quality of Porto Rico oil indicated that rather keen competition was being offered by an article produced in Dominica. However, the Porto Rico leaders with substantial stocks warehoused in this market stood aloof and refused to meet said competition.

Bergamot.—Moderate trade accompanied very steady prices on spot and in the primary market. Little competition was noted and the whole situation seemed to indicate a substantial stability of values.

Bois De Rose.—Routine request was the general rule and yet the market continued to display considerable strength as to the maintenance of prices. Stocks were not overly large and hence sellers were able to hold values while awaiting larger request.

Cajeput. — While the market was moderately competitive, open quotations were generally very steady and held unchanged. Demand was not better than fair.

Camphor.—Arrival of some 175 drums of this material resulted in re-establishment of firm spot prices following a period in which the market had been nominal. Sassafrassy oil was priced at 25c. to 27c. per pound in drums; cans, 28c. to 30c.; white, drums, 23c. to 24c.; cans, 26c. to 27c.

Cananga.—A slightly more active but still jobbing request was noted and a firmer undertone prevailed at the close of last week. Replacements were not offered in substantial quantities from the primary market.

Capsicum (Oleoresin).—Prices were exceptionally firm in keeping with a production cost comparatively high because of the value of raw material. A fair but entirely routine movement was noted last week.

Cassia.—Moderate to fair request accompanied firm prices in a market lacking much in the way of true competition between suppliers. The strengthening element in the market continued to be the uncertainties surrounding replacement buying in the primary market.

Cedarwood.—An especially fine grade of oil for reagent purposes and fully U.S.P. in all respects and with a refractive index of 1.515 at 18 degrees centigrade was offered on the market. Ordinary oil was also in very good supply at very steady prices.

Cinnamon. — Prices seemed to be slightly unsettled by the absence of normal demand and by the development of a moderately more competitive situation on the spot. However, open change in quotations was lacking.

Citronella.—Java oil on spot ranged 29c. to 31c. per pound, prevailing according to container. This was substantially cheaper than the Ceylon oil, the price for which on spot has been held up by the absence of declines in shipment costs.

Clove.—The general undertone was firm irrespective of the fact that actual sales lagged. Producers in this market intimated that a higher level of values was entirely warranted by production cost, but absence of sustained buying has prevented price improvement for some time past.

Dill.—A slight gain in inquiry reached two sellers last week and business resulted. However, it was done at full market prices and as the order was well shopped, it was believed that the transactions constituted entire confirmation of quoted values.

Erigeron.—Very small stocks accounted for very firm prices in a market lacking more than the mere shadow of consuming demand.

Eucalyptus.—Fairish request prevailed but the market as a whole was active to a degree but little higher than had prevailed since the turn of the year. Prices were generally steady in the absence of unsettling competition.

Geranium.—The spot market was slightly more unsettled and a shading of quotations on Bourbon oil brought that article to the basis of $2.35 to $2.85 per pound, prevailing as to quality and seller. Other varieties of the material were none too steady but lacked quoteable change.

Lavender.—Considering conditions in general, the market on this article was an improvement over that in recent weeks. While quantities taken continued to be conservative, they made a better total.

Lemon.—All reports indicated that Italian oil was substantially firmer; considerable strength was declared to prevail abroad. Although production in Italy has been estimated at 25 percent above that last year, the 1938 production itself was on the low side. To this fact was added the further information that the carryover was small. Hence, the apparent strength last week. Meanwhile, California oil continued to be offered at comparatively low prices and to be held in a well stabilized position that was backed by excellent reserve stocks.

Lime.—Mexican distilled oil was lower at $3.15 to $3.20 per pound, and West Indian was also cheaper at $3.25 to $3.30. The long prevailing competition was no

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

ROSESOL MM&R
WATER SOLUBLE BOUQUET ODOR
ROSESOL MM&R contains Otto of Rose and isolates. It's economical, because it's concentrated — *1 oz. makes a full gallon of Rosewater.* It's practical, because it's not subject to putrefaction or freezing. A testing sample of ROSESOL MM&R will be mailed on request.
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CHICAGO BRANCH: 180 N. Wacker Drive, Chicago, Ill.
CANADIAN DISTRIBUTORS: Richardson Agencies, Ltd., 454 King St., W., Toronto
Balsams, Aromatic Chemicals, Concentrated Flavors ... Since 1895 *Essential Oils*

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Buyers Prefer
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because it is
Definite and
Accurate

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For Polishing Compounds—For Cosmetic Preparations
VISCO GUMS — For Wave Set Solutions
GUMS
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Powdered in our own mills under laboratory control
JACQUES WOLF & Co.
MANUFACTURING CHEMISTS AND IMPORTERS
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A. M. TODD CO.
Growers, Distillers and Refiners of
ESSENTIAL OILS
CRYSTAL WHITE — DOUBLE DISTILLED
PEPPERMINT, SPEARMINT, WINTERGREEN, Etc.
Main Office and Works
KALAMAZOO, MICH., U. S. A.

less acute than it had been. Against this was the generally steady position of expressed material.

Orange.—An exceptionally quiet market was reported. Interest was entirely routine and naturally under repression common to consumption during the cold weather months. However, prices were mainly steady. California oil was particularly well held in firm position at an exceptionally low price. It is intended that price stabilization shall prevail on the domestic article.

Pennyroyal.—Imported and domestic material was very firm in price. Offerings of imported goods were not large and replacements were uncertain at the best because of the situation in the primary market. A routine request was reported in local circles.

Petitgrain.—The market appeared to be coming down gradually under pressure of sharp competition. Quotations last week ranged 80c. to 85c. per pound.

Peppermint.—All reports emphasize strength as the predominant feature of the primary market. Information in hand did not reveal a very active market but stocks were apparently well held in strong hands who considered present schedules minimum and who felt that a widening of actual consuming demand would have a stimulating effect on values.

Ti Tree.—Prices lacked further change and were apparently in steady position on the basis of the recent decline.

Wormwood.—Quotations were $3.25 to $3.30 per pound, very firm, and supported by the absence of large unsold stocks in the primary market and the presence of a fair request in local circles.

Aromatic Chemicals

Benzaldehyde.—A quiet and not especially sizable demand was reported. Buyers bought close to actual needs and for the most part such needs were conservative. However, the moderate demand reached the market in very steady fashion. Prices held.

Cinnamic Alcohol.—Moderate demand kept the market steady so far as prices were concerned. Competition was not very keen and replacement cost tended to freeze values at their present position.

Coumarin.—Trade was routine but exceptionally steady. Movement was along lines normal for the material and business was done on the basis of prices fully steady in all quarters.

Diphenyl Methane.—Inquiry was a slight improvement over that current of late and while the gain was moderate, it had a firming effect on prices in general.

Diphenyl Oxide.—Movement was very good in the main and the market continued to reveal a well stabilized position on the spot. Stocks were reported sufficient to cover readily any important upswing in consuming request.

Ethyl Cinnamate.—Business was rather quiet. Trade seemed to be on a jobbing basis for the most part, and volume was but little if any larger than it had been since the turn of the year. However, prices remained very steady in the absence of unsettling competition.

Ethyl Vanillin. — Firmness characterized prices and general conditions in the market for this material. While the drive for business was still keen, it seemed to take place under conditions less unsettled and more stabilized than was the case prior to the recent advance.

Geranyl Acetate.—Inquiry was fair and sales were in reasonable volume on the basis of quotations mainly steady on the spot. Supplies were ample in size.

Linalool.—A steady flow of moderate-sized orders contributed to the maintenance of a market of fairly firm undertones. Prices were well maintained and did not appear to be subject to much in the way of shading under competitive conditions.

Menthol.—Domestic synthetic menthol of USP specifications moved in very good volume at prices considered to be attractive when compared with the quotations named on Japanese natural menthol. Imports of natural menthol in eleven months of 1938 totaled 363,035 pounds. This compared with 424,381 pounds and 323,930 pounds for eleven months of 1937 and 1936, respectively.

Methyl Cinnamate.—Trade was on a hand-to-mouth basis for the most part, buying covering little more than the prompt requirements of a moderate number of manufacturing consumers. Quotations continued to be well stabilized.

Methylnaphthyl Ketone.—These orange crystals sold under firm to steady market conditions and on the basis of fully steady prices throughout the past week. The period was one of routine activity.

Phenyl Acetaldehyde. — No further change in quotations on 50 percent material were noted, and that article was fully as steady as the 100 percent article. Business was mainly in small quantities needed for immediate manufacturing operations.

Phenylethyl Alcohol. — Competition was fairly keen, but no change in open quotations was made last week. However, the tendency in some directions was to accept bids if made on a reasonable basis.

Vanillin.—Since the recent rise in prices a more stable market appeared to be in the making. Competition was no less keen than it had been, and, with domestic production more than sufficient for home requirements, the drive for business was expected to continue aggressively.

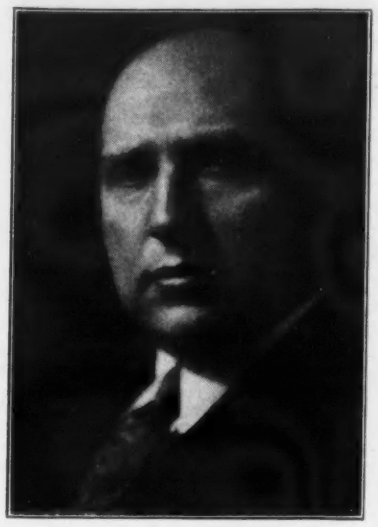
Southern Pest Control Operators Meeting Jan. 30

The Southern Pest Control Operators' Conference will be held at the Louisiana State University, Baton Rouge, La., January 30-31 and February 1. The conference is being sponsored by the Louisiana State University and the National Pest Control Association. Prof. O. W. Rosewall will preside. The address of welcome will be delivered by F. C. Frey, dean of the College of Arts and Sciences. The subjects to be discussed include the following:—

Facilities of Louisiana State University for future conferences.
The National Pest Control Association.
Results of pest control operators' conferences.
Morphology of insects.
Rodents and their control.
Nature of chemicals (structure, surface tension, wetting, penetration, organic and inorganic substances, etc.).
How insecticides kill.
Fumigants and household fumigation.
Safety factors in fumigation.
Inorganic chemicals, mineral oils, coal tar oils, miscellaneous poisons.
Botanical poisons.
Cockroaches.
Clothes moths, carpet beetles, mothproofing, etc.
Bees.
Fleas and ticks.
Bats.
Silverfish, booklice, attic, etc.
Flour beetles, larder beetles, rice weevils.
Termites and their control.
Powder-post beetles and their control.
Biology of lyctus beetles.
Ants and their control.

H.C.Ryland Re-elected By Essential Oil Ass'n

At the annual meeting of the Essential Oil Association of the United States, held January 13, in the Hotel Warwick, this city, the following were



Blank & Stoller Photo
Henry C. Ryland

unanimously re-elected officers for 1939:—

President, Harry C. Ryland, of H. C. Ryland, Inc.; vice-president, Charles Fischbeck, of P. R. Dreyer, Inc.; secretary-treasurer, Robert B. Magnus, of Magnus, Mabee & Reynard, Inc. Elected to the executive committee were:—V. H. Fischer, of the Dodge & Olcott Company; William Schilling, jr., of the Norda Essential Oil & Chemical Company.

A reception and banquet followed the meeting.

Sun Ray Drug Company, Philadelphia, sales for twelve months amounted to $6,472,187, against $6,151,199 in 1937.

National Lead Promotes J. Zang and W. Hurley

Joseph A. Zang has been appointed sales manager of the white lead department of the Atlantic branch of the National Lead Company, this city. Mr. Zang has been succeeded as assistant manager by W. F. Hurley.

Mr. Zang joined National Lead Company in 1905. After several years in the statistical, order and credit departments, he became assistant to the branch comptroller and also managed the export department. During the World War he was in the Supply Corps of the U. S. Navy. In 1919, he returned to his former position in the accounting department, entering the sales department in 1926. He was made assistant sales manager in 1933.

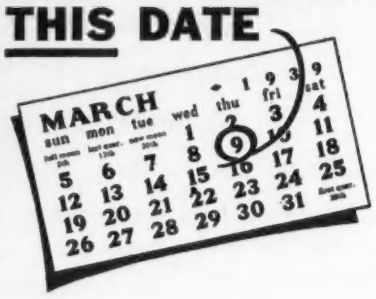
Mr. Hurley began his career in 1911 with the Matheson Lead Company, a concern which became a subsidiary of National Lead Company the following year. Mr. Hurley served successively as office manager and assistant manager of Matheson until its consolidation with National Lead Company in 1927. He then entered the sales department of the Atlantic branch.

Balto. Production Club Hears About Paint Film

At the January meeting of the Baltimore Paint and Varnish Production Club held recently in the Stafford hotel Elmer Schuler, chairman of the technical committee, reported that the committee was cosidering the possibility of investigating the wet and dry binding power of the various pigments in oleo-resinous vehicles as a problem for the next club paper. Dr. William Krumbhaar, of Reichhold Chemicals, Inc., spoke on "The Formation and Destruction of a Paint Film."

Maurice J. Hanson has been named manager of operations for metropolitan New York for the Shell Union Oil Corporation, San Francisco, Calif. James E. Morse has been appointed to a similar capacity in the company's Atlantic division.

DON'T FORGET THIS DATE



On Thursday, March 9th, the 14th Annual Drug, Chemical and Allied Trades Banquet sponsored by the Drug, Chemical and Allied Trades Section of the New York Board of Trade will be held at the Waldorf-Astoria, New York City. May we offer this friendly reminder that you have a most important "dinner-date" with your industry on that evening . . . Better make your reservation now!

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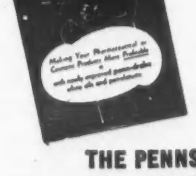

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Petroleum Solvents, Lubricants, Fuels

Oil Production Curtailed in California—Retail Gasoline Price War in Philadelphia—Texas Proposes Processing Tax on Imported Crude Oil—Fuel Oils Strong

The crusade to strengthen the petroleum industry in the United States by curtailment of output by producers made further advances last week when operators of the Mountain View and Fruitvale Fields in California agreed to close their wells to conform with the oil umpire's allotment. The decision was reached at a meeting called by the industry's Emergency Executive Committee. Although all fields from the Southern San Joaquin Valley area were represented at the meeting, the agreement affects only the Mountain View and Fruitvale producers, who had been operating in excess of the output schedule set by the umpire.

A retail gasoline price war flared up in Philadelphia toward the end of last week. Although it had not reached the severe proportions of last year's price war, it had not as yet reached its peak. The reason for the price-cutting seemed to be a mystery to most observers but the majority ventured the opinion it was a repercussion from the war of last year. More cheering was the news that "frozen" airplane gasoline that won't ignite under a blowtorch was demonstrated in New York as a solution to one of flying's greatest hazards. The gasoline, while not frozen solid, was reduced by an alcohol and dry ice mechanism to about 150 degrees below zero Fahrenheit, where it does not give off enough vapor to catch fire. Men in the industry hailed the new invention as a boon to flying and thus a boon to demand for the fuel.

The world production of crude oil in 1938 was approximately 271,362,000 metric tons. It was the second largest in history and a reduction of 3.4 percent from 1937. Drastic curtailment of production in the United States accounted for the 1938 figure being below that of the previous year. During the first 11 months of 1938 Italy imported 1,321,964 metric tons of oil compared with 826,998 metric tons during the corresponding period in 1937, according to the Department of Commerce. The department also reported that the United States furnished 24,412,602 barrels of crude oil to operating refineries in Canada during 1937. Crude oil production in South America in December amounted to 2,985,254 barrels, according to leading producers there. Output for the whole year totaled 34,573,334 barrels compared with 35,020,599 barrels in 1937.

Activities in Texald fields continued to hold interest last week. A bill to levy a $1 per barrel processing tax on crude oil imported into Texas was introduced to the Texas legislature. The act would serve as a complete barrier to importations. The legislature was also considering a bill to take steps to get a fair price for 126,714 seized barrels of illegally produced oil. The state had been receiving 18c. per barrel for the auctioned oil when it was worth about 75c. in the open market. All sales had been stopped pending the action of the legislature. The Sinclair Refining Company closed its Galdewater Refinery in the East Texas field indefinitely. It had been running about 1,600 barrels of crude daily. California produced 249,852,000 barrels of oil in 1938, 5 percent greater than 1937.

The daily average production of crude oil in the United States for the week ended January 14 was 3,243,600 barrels, an increase of 28,700 barrels over the preceding week's figures, according to an estimate of the American Petroleum Institute. Daily average production for the four weeks ended January 14 was 3,278,850 barrels. Reports from companies controlling 85.6 percent of the nation's refining capacities indicated that the industry as a whole ran to stills 3,260,000 barrels of oil daily during the week ended January 14. All companies had in storage at refineries, bulk terminals, in transit and in pipe lines at the end of the week 73,752,000 barrels of finished and unfinished gasoline, 27,621,000 barrels of gas and distillate fuel oil, and 114,839,000 barrels of heavy fuel oil.

The official daily average output of crude oil in November, 1938, was 3,285,600 barrels compared with 3,284,800 barrels in October, according to the Bureau of Mines. Daily average run of crude to stills in November totaled 3,244,000 barrels compared with 3,251,000 barrels in October, while the total run to stills for the first 11 months of the year was 1,067,051 barrels, compared with 1,085,077 barrels for the corresponding period in 1937.

Solvents and Diluents

Spot business improved slightly during the past week, but it was still a quiet factor in this market. In certain sections of the Midwest offerings were far in excess of demands, which accounted for a shading of the price. Locally the price remained firm and unchanged. Producers reported, however, that inquiries regarding future business were more in evidence.

Cleaners' Naphtha.—Midwestern price reductions two weeks ago failed to affect the status of this mixture to any great extent. The tone of the market was firm with demands satisfactory but not heavy.

Aromatic Naphtha.—The market continued steady and unchanged. A slight softening of the Chicago price was reported but the listed price still remained in force.

Petroleum Thinners.—A slight increase in the number of orders was registered here last week, according to reports of a few producers. The market on the whole was unchanged following the price reductions made two weeks ago. The reductions were believed responsible for the stronger tone of the market.

Rubber Solvents.—Tire manufacturers were a shade more active last week, and as a result the status of this solvent improved proportionately. Although the gain registered was slight it tended to strengthen the market as a whole.

V.M.&P. Naphthas.—The tone of the market continued firm, although sales fell off slightly from two weeks ago. Chicago prices for this naphtha showed a shade of softness.

Markets at Other Centers

Chicago, Jan. 19.—Despite recent cutting of tankwagon prices of some products in certain Midwestern areas, the general market for petroleum solvents and diluents was reported making a fair showing. Tankwagon quotations here and in numerous other spots were still holding, despite the effects of some spotty price difficulties. Tankcar structure was reported fairly steady. Ruling prices in tankcar lots except as noted are: — Blending naphtha, 3¾c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tankwagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; V. M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Jan. 18.—No change had developed in these products with the offerings being somewhat in excess of demand last week. The lower gasoline quotations had not affected the price of the Stoddard, V. M. & P., cleaners and other naphthas.

Lighter Fractions

The market continued in a slack position. Prices remained unchanged and demands on the market were as light as they had been in the previous few weeks. Inquiries for butanes, heptanes, and other light hydrocarbons, however, increased slightly and a pick-up in general business seemed near.

Butane.—All withdrawals were against contract and the spot business was poor. The price continued firm at the quoted level of 3¾c. per gallon, basis Group 3.

Heptanes.—Conditions surrounding the market were unchanged and sellers reported the movement of material out of their hands was light. Schedule prices were in force.

Octane.—This mixture held an even position last week, with producers quoting 10½c. per gallon for the tankcar lots, f.o.b., Group 3. The market showed no unusual features.

Petrolatums and Waxes

White Mineral Oils.—The market appeared to be in an unchanged position. Little spot business was in evidence, although producers reported a slight increase in inquiries. The tone of the import market continued firm with demand slight.

Paraffin Waxes.—The market continued firm with sellers anticipating a marked improvement in the near future. Prices of scale wax were maintained at their former levels, and suppliers reported a slight gain in the number of inquiries.

CHICAGO, Jan. 19.—Refined petroleum wax was moving well this season. Buying had been hardly up to the hopes of the most optimistic quarters of the trade, but business was reported to be opening up after the year-end slump in a way to prove a considerable amount of basic interest in consuming quarters. Ruling prices were:—122-124, bags, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 5c.; 130-132, 4.75c. to 4.8c.; 132-134, 5c. to 5.05c.

TULSA, Jan. 18.—The strength in the paraffin market continued, although the activity had declined somewhat. The American Crude of 124-26 was quoted at 2⅜c. to 2½c. a pound.

Petrolatum.—The market for this material showed no improvement last week and producers were not inclined to expect any drastic changes until next month. The car lot prices for amber grade continued at 2⅝c. to 2¾c. per pound.

Fuels and Lubricants

The freezing weather in the latter part of last week brought forth heavy demands for all types of fuel oils. This jump in demand terminated a lull that had existed for nearly two weeks of mild weather. As the week ended consumers were ordering out supplies for immediate delivery. Prices were a bit firmer following reports of local pressure in the North Atlantic coast district during the two week lull. The gasoline market presented a quiet appearance as was expected. As the situation for fuel oils improved due to cold weather, the gasoline market proportionately weakened. Snow and cold weather tended to curtail consumption of motor fuel. Prices for all fuels and lubricants were reported unchanged.

Market Conditions

Gasoline.—Movement into consuming channels was curtailed by sharp drops in temperature but prices on the whole remained steady. Production of motor fuel during November, 1938, totaled 48,201,000 barrels compared with 48,789,000 barrels the previous month, according to the Bureau of Mines. Production for the first 11 months of the year was 519,879,000 barrels compared with 524,045 barrels during the corresponding period in 1937. Stocks of finished gasoline on hand at the end of last November totaled 64,083,000 barrels compared with 63,542,000 barrels the previous month.

Kerosene.—The market here continued firm and unchanged. Suppliers reported that shipment demands were being received at a normal rate and the demand appears to be well in balance with the available material. Production of kerosene during last November totaled 5,419,000 barrels, according to the Bureau of Mines, compared with 5,320,000 barrels in October. For the first 11 months of the year 58,841,000 barrels of kerosene were produced against 59,499,000 barrels for the same period in 1937. Stocks on hand totaled 9,676,000 barrels in November compared with 9,949,000 barrels in October.

Fuel and Gas Oils.—A heavy dip in temperature together with a heavy fall of snow brought forth an active demand for all types of fuel oils last week. Prices remained unchanged in most sections and local pressure of the two previous weeks seemed to be ended. Grade C Bunker fuel was well main-

Outputs and Quotas

A comparison of Bureau of Mines calculations for December productions, State allowable quotas where they exist and the American petroleum Institute's estimate for crude production for the week ended January 14, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	499,700	428,000	420,950
Kansas	153,900	153,900	152,300
Texas	1,332,900	†1,735,500	1,275,300
Louisiana ..	241,900	251,340	266,450
Arkansas ...	49,000	§52,000	50,950
Illinois	86,100	.....	135,000
Eastern	92,900	.....	96,400
Michigan ...	47,400	.....	51,900
Wyoming ...	66,800	.....	48,000
Montana	11,900	.....	14,350
Colorado	3,900	.....	4,100
New Mexico.	95,800	100,800	98,400
California ..	588,400	‡605,000	629,600
Totals	3,270,600	.....	3,243,600

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of January. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Base allowable effective January 1. With the exception of Sunday, January 29, shutdowns are ordered for all Saturdays and Sundays during January. Calculated net basic 7-day allowable for week ended Saturday morning, January 14, approximately 1,250,000 barrels daily.

‡ Recommendation of Central Committee of California Oil Producers.

§ This is the December allowable. January allowable is not yet available.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-21	1938 Jan. 1-21
Commercial crude oil production	71,182,766	73,140,500
	Week ended Jan. 21, 1939	Week ended Jan. 22, 1938
Daily average production	3,232,732	3,465,500
	Week ended Jan. 14, 1939	Week ended Jan. 7, 1939
Estimated motor fuel stock total	73,752,000	72,818,000
Estimated finished motor fuel stock at refineries	43,174,000	41,649,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

The State of the Petroleum Market

There were no changes in crude oil prices last week. The gasoline market remained the same.

	Jan. 20	Jan. 13	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.11	$1.11	$1.322
Gasoline prices at refineries (at four refining centers) per gallon	.0478125	.0478125	.0525

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tained at the quoted price level. Production of gas oil and distillate fuels totaled 12,793,000 barrels in November, 1938, compared with 13,820,000 barrels the previous month. Total production for the first 11 months of the year was 137,901,000 barrels in 1938 and 133,143,000 barrels in 1937. Stocks on hand totaled 32,069,000 barrels in November compared with 33,017,000 barrels in the previous month. Production of residual fueloils for November totaled 24,573,000 barrels against 25,587,000 barrels in October. For the first 11 months of the year 1938, 269,775,000 barrels were produced compared with 285,026,000 barrels for the corresponding period in 1937. Stocks on hand at the end of November totaled 101,569,000 barrels compared with 103,423,000 barrels at the end of October.

Lubricating Oils.—Demand for these oils in the Pennsylvania market was reported slightly lighter than the previous week but still satisfactory. The price side of the market showed no changes.

Markets at Other Centers

Chicago, Jan. 19.—Quiet continued to prevail in the tankcar gasoline market. Demand has settled down to around normal mid-winter proportions, with refinery shipments reaching good totals on contract and spot orders combined. Retail price cutting in the larger cities are comprising the principal disturbing factor at present. Kerosene is dull. Demand for heating distillates and gas oils is not up to expectations, but prices on these items to date are still holding. Industrial fuel oils have been improving considerably in market tone lately, with large consumers taking considerably larger quantities of material. Lubricating oils are moving fairly well.

GASOLINE.—Low octane motor, 3⅝c. to 3⅞c. per gallon; 63-66, octane motor, 3⅞c. to 4⅛c.; 67-69 octane motor, 4¼c. to 4⅜c.; 70-72 octane motor, regular, 4⅜c. to 4⅝c.; 60-62, 400 endpoint, 3⅝c. to 3⅞c.; 64-66, 375, 4c. to 4¼c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅛c. to 4⅜c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3¾c. to 3⅞c. per gallon; No. 1 white, 3⅝c. to 3¾c.; No. 1 straw, 3½c. to 3⅝c.; No. 2 straw, 3⅜c. to 3½c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Jan. 17.—Continued steadiness prevailed in the domestic market during the past week, with no change in quoted prices. Foreign inquiries and exports were good. U.S. motor gasoline was quoted at 5c.; U.S. motor below 62 octane at 5c.; 63-67 octane at 5¼c. and 68-70 octane at 5⅞c. All prices being on a per gallon basis at refinery.

The price of kerosene remained unchanged at 7⅜c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants were quoted at $1.36 per barrel, delivered.

Tulsa, Jan. 18.—Despite an easy tone throughout the entire refined oil market even in those products which should be the points of strength, there is feeling of confidence as to the future. There is a willingness among large distributors to buy for longer term delivery rather than only for spot and for delivery over the remainder of the month.

This attitude, however, is probably resulting from a further weakness in quotations which has placed gasoline prices at a level lower than the cost of production based upon the higher posted prices of the major crude purchasers. While weakness in the crude oil market is still in evidence this is apparently no deterrent, as the demand for several of the refined products for future delivery is larger than for many months passed. In fact it is the first time that important buyers have been interested in more than hand to mouth buying.

The maintenance of large consumption of gasoline seems ripe for the early part of 1939. Burning oils are again another seasonal disappointment. The consumption in the domestic field has fallen far short of the earlier estimate and it is very doubtful whether stocks can be worked down to a satisfactory level this Winter.

Climatic conditions are playing an important role in the market this season. Throughout most of the Middlewest the temperatures are from 16 to 25 degrees above normal, causing a reversal of the normal seasonal influences. Yet gasoline market has remained weaker in the spot tankcar resale market. As more gasoline

—Continued on page 60

Fertilizer Materials

Import Bone Price Advanced—Blood, Domestic Bone, Tankage Reduced—German Fertilizer Use in Puerto Rico Halted —November Exports and Imports Below Last Year

The market for raw fertilizer materials continued in routine fashion last week. An advance in the price of imported steamed bone, and reductions in the prices of high-grade blood, raw bone, and tankage were the features. Blood and tankage were reported scarce in all sections of the country, but this scarcity did not result in pressure against the prices.

A similar situation was reported in out-of-town markets. Many producers of fertilizer materials journeyed to the meeting of agriculturalists in Harrisburg, Pa., and thus added to the quiet of the week. Some easing was reported in the Chicago price situation with dried blood showing the sole reduction.

Officials of the Puerto Rico Reconstruction Administration announced that they had ordered a halt to the purchases of German fertilizer for use on the government farms on the island. The announcement followed protests to Secretary Ickes by American fertilizer firms that German fertilizer was being spread on government co-operative farms on the island.

November exports of fertilizers and fertilizer materials totaled 147,587 long tons, 3 percent below the November, 1937, tonnage. Exports of phosphate rock and synthetic sodium nitrate were larger than a year ago, but most other classes of material showed a decline. Total exports in the first 11 months of 1938 were 4 percent larger than 1937. In the nitrogenous group a sharp decline in exports of sulphate of ammonia offset increased shipments of other nitrogen carriers. Both hard and land pebble rock and superphosphate were exported in larger quantity during the first 11 months of 1938. Potash exports fell off. Imports of fertilizers and fertilizer materials during last November totaled 114,164 long tons, a 24 percent decline in tonnage from November, 1937. Practically all the decline in nitrogenous material imports was due to a sharp drop in nitrate of soda. Aggregate import tonnage in January-November was somewhat under the figure for 1937.

The Division of Public Contracts of the U. S. Department of Labor issued a notice of a hearing in the matter of determination of prevailing minimum wages in the fertilizer industry to be held Thursday, January 26, in the Department of Labor building, Washington, D. C. Opportunities to be heard will be given to all persons engaged in the industry. Briefs or telegrams may be filed.

Bids were opened last week by the Department of Agriculture from seven firms offering a total of 43,600 tons of concentrated superphosphate. Prices bid ranged from 60½c. per unit bulk in Florida to 78½c. per unit bagged delivery at Searsport, Me. Only 5,000 tons of the total offered was of foreign production.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, steamed, import., $1.25 per ton, c.i.f. ports.

Reduced

Blood, high-grade, ground, bulk, 5c. per unit-ton, Chicago.
Bone, raw, dom., 50c. per ton, c.i.f. Atlantic ports.
Tankage, import., S. Amer., 10c. per unit-ton, c.i.f. ports.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Exports of nitrogenous materials in November, 1938, totalled 20,207 long tons compared with 24,965 long tons in November, 1937. Exports for the first 11 months last year were 183,249 long tons against 204,078 long tons in January-November, 1937. The United States imported 48,037 long tons of nitrogenous materials last November compared with 65,255 long tons in November 1937. Total imports for the first 11 months last year were 986,758 long tons against 1,058,374 long tons in January-November, 1937.

A new factory is planned near Sundsvall in northern Sweden for the manufacture of cyanamide. The new plant, which will replace the present works at Alby, will have an annual output of 40,000 metric tons.

Nitrate of Soda.—No price changes were reported last week and the condition of the market seemed about the same. Increases in demand and heavy withdrawals against contracts were not expected this month.

Sulphate of Ammonia.—The market took on a firmer tone last week than that of the week before. No price changes were reported, however, although a steadying influence on the listed price was noted.

Dried Blood.—The market on the whole was reported about the same, although the price of the high-grade ground material in Chicago was reported reduced 5c. to a level of $3.55 per unit-ton. Producers revealed that material was very scarce.

Fish Scrap.—Steadiness prevailed in the market here with no changes in price recorded. Imported material was reported more available than in the past few weeks.

Tankage.—Imported material from South America was offered on the market at $3.15 and 10c. per unit-ton last week. This was a 10c. decrease in the price. Other grades continued at their quoted levels. Like dried blood, this material was reported very scarce recently.

Hoofmeal.—The higher price level of $2.85 per unit-ton instituted two weeks ago was maintained last week without change. Demand was steady.

Potashes

The market for agricultural potash salts continued steady and unchanged last week. Few new purchases were reported, although withdrawals against contracts continued. Total exports of potash materials in November, 1938, were 147,587 long tons against 152,388 long tons in November, 1937. Total exports for the first 11 months of 1938 were 1,435,160 long tons against 1,385,777 long tons for the corresponding period in 1937. November, 1938, imports were 114,164 long tons compared with 150,657 long tons in 1937. January November imports in 1938 totaled 1,406,645 long tons against 1,850,621 long tons in the first 11 months of 1937.

Phosphates

The market for phosphate materials continued in routine fashion last week with price fluactuations noted for various grades of bone materials. Exports during last November were 123,339 long tons compared with 111,848 long tons in November, 1937. Exports for the first 11 months of 1938 were 1,162,966 long tons against 1,070,066 long tons for the corresponding periods in 1937. Imports in November, 1938, amounted to 6,046 long tons compared with 9,392 long tons in November, 1937. Imports for the January-November, 1938, period were 46,087 long tons, a drastic reduction from the 110,470 long tons imported the first 11 months of 1937.

Bone Materials.—Domestic raw bone was reduced 50c. to a level of $26.50 per ton, c.i.f., Atlantic ports. The price of steamed bone meal was stronger with material being sold at $25-$26 per ton, f.o.b., Chicago, compared with the level of $24-$26 two weeks ago. The imported material was selling at $22 per ton, c.i.f. ports, an increase of $1.25 over the week before.

Phosphate Rock.—The tone of the market was firm with the demand and inquiries about on a par with the expectations for this time of year. No price changes were reported.

Superphosphate.—The price continued unchanged at the quoted level with activity reported as normal last week. Very little of the material was in movement.

Sulphur and Pyrites

Little activity was reported in the sulphur market with the pick-up expected in late Spring and Summer. Producers reported that contract negotiations were practically completed with the outlook for 1939 comparable to the good year of 1936. The Spanish pyrites situation remained in an unsettled condition. Dealers reported that despite the civil strife in Spain shipments were being made regularly and in sufficient volume to supply most of the buyers.

Markets at Other Centers

Atlanta, Jan. 18.—The market for fertilizer materials is quiet and sluggish but is reported to be developing interest. Quotations on fertilizer materials are practically unchanged over the week. Fertilizer manufacturers have been holding group meetings in the South during the past week. Wage-hour and Roberts-Patman acts have been the main subjects of discussion. State legislatures are in session in the South but the industry hears of no legislation affecting the business as yet.

Quotations of leading fertilizer materials by this market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

NITRATE OF SODA.—Bulk, port basis, $27 per ton.

SULPHATE OF AMMONIA.—$28 per ton, ports and ovens.

COTTONSEED MEAL.—8 percent grade, $24 per ton, southeastern mills.

BLOOD.—$3.55 per unit, basis Chicago.

TANKAGE.—Foreign, $3.15 and 10c. per unit, basis ports.

NITROGENOUS.—Midwest, $2.20; Atlantic ports, $2.40 to $2.50 per unit.

BONE.—Ground, steamed bone, 3 and 50, $25 to $26 per ton, basis Chicago.

Baltimore, Jan. 18.—Quiet prevailed in the market, and movement of crude materials were held to low levels. No changes in price quotations were reported. The figures named were about as follows:—

FISH SCRAP.—While some additions to the stocks of this ammoniate were still being made by the fishing companies active off the North Carolina coast, these contributions grew increasingly small. The strength of this product was not impaired in any way, with the sellers still asking $50 per ton, f.o.b. shipping point, with menhaden meal around $52. Japanese sardine meal ranged around $48.50 per ton for shipment.

TANKAGE.—This ammoniate showed marked firmness, with sellers asking $3.50 and 10c. per unit-ton for ground fertilizer grades. Feeding material was well supported and appeared to be in good demand.

DRIED BLOOD.—South American supplies were still around $3 to $3.10 per unit-ton, though buying interest appeared to lag.

SUPERPHOSPHATE.—Conditions in this division were unchanged. Any interest that might have developed in the market was temporarily held in abeyance by the large gathering of fertilizer men at Harrisburg. Quotations stood at $7.50 per ton for run of pile and at $8 per ton for 16 percent milled and screened stocks.

GARBAGE TANKAGE.—With the season for this ammoniate still more or less in the future, some interest in the state of the market prevailed, and the figures mentioned were generally $8 per ton at shipping points, which was about equal to $11 to $11.50 per ton at Baltimore.

NITROGENOUS MATERIAL.—Little activity prevailed in this division. The market was generally represented as at $2.35 per unit.

BONE.—The firmness that has prevailed in other divisions of the organic ammoniate market continued, with the current quotations at $25 to $28 per ton, f.o.b. Chicago, for 3 and 50 ground steamed, and at $26 per ton for 4½ and 50 ground raw stocks.

Chicago, Jan. 19.—Some easing from recently established high price levels is reported in the general fertilizer materials market on some product items, although for the most part a comparatively steady market situation is existing. Buying has been rather quiet as was expected at this period, but purchasers are indicating possibility of opening up a little in their activities. Blood is ruling at slightly lower price levels. Tankage is in fair demand at this time, with few features. Bone materials are in fair call currently, with prices little changed from those in existence recently.

BLOOD.—Principal grade, $3.55 per unit of ammonia.

TANKAGE.—High grade feeding, $4 and 10c.; hoof meal, $2.80 to $2.85; liquid stick, $2.55 to $2.65.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $21; 3 and 50 percent, $25 to $26; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $45; cattle jaws, skulls and knuckles, $22 to $24; beef cracklings, soft pressed, $40 to $42.50; pork cracklings, soft pressed, $47.50 to $50; hard pressed cracklings, per unit of protein, 75c. to 80c.

San Francisco, Jan. 17.—Fertilizers continued last week their position of the previous seven-day period, animal products evidencing strength, fish meal again slackening, while chemicals were being ordered into delivery against previous contracts. Dry rendered tankage advanced, while the position of blood, bone and wet rendered tankage was very strong, with materials being bought in

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

good volume. Heavy catches of sardine, together with new fish tonnage permits were largely responsible for a sag in the fish meal market. In the chemical market sector, the large nitrogen fixation plant here was said to be entirely sold out of ammonia sulphate for the season, although offerings are available from other sources. There is no new current demand, however, of any consequence.

Ruling prices are:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles Harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton, ex vessel or warehouse; 200-pound bags, $28.30 per ton, ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. 11 percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis, and $1 per ton extra for delivery inland.

FISH MEAL.—California sardine meal is quoted on the basis of $40 per ton, f.o.b. cars, Monterey, and $41 per ton, f.o.b. cars, San Francisco Bay points.

TANKAGE.—Steady to stronger. Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted on the basis of $3.15 and 10c. per unit-ton, f.o.b. cars San Francisco. High grade quoted at $3.35 and 10c. per unit-ton. Dry rendered, ground, quoted at $40 per ton, f.o.b. cars; unground, dry rendered, quoted at 65c. per unit of protein.

BLOOD MEAL.—Steady. Domestic blood meal is quoted on the basis of $2.80 per unit, f.o.b. cars San Francisco.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered Pacific Coast ports.

Chilean Nitrate Sales Fixed Quotas Reported

The twelve soda nitrate producing enterprises in Chile, certain of which operate more than one plant, have a fixed quota in the nitrate sales which are handled exclusively by the Corporacion de Ventas de Salitre y Yodo de Chile. The quota for the individual companies as of December 2, 1938, was as follows:—

Company.	Percent.
Lautaro Nitrate Company, Ltd.	33.854788
Compania Salitrera de Tarapaca y Antofagasta	30.896101
Compania Salitrera Anglo Chilena	24.515536
Astoreca y Urruticoechea	2.430249
Pedro Gluncic	1.716151
Compania Salitrera Iquique	1.525156
Compania Industrial y Salitrera Gianoli, Mustakis, Limitada	1.188122
Compania Salitrera Santa Rosa de Huara	0.910143
Compania Salitrera Gloria	0.864414
Marinkovic Hermanos y Compania	0.834386
Comunidad Camina	0.717148
Sociedad Salitrera Perez y Junoy Limitada	0.547808
	100.000000

Sulphur Freight Rate Rise Petition Withdrawn

The Interstate Commerce Commission has granted the request of the Southern railroads for permission to withdraw the proposed increased rates on sulphur in Southwest territory. The rates have been under suspension. The commission cancelled the hearing which was to have been held January 10.

Fertilizer Ass'n Distributing Pamphlet on Wage-Hour Act

The National Fertilizer Association is distributing to its membership a pamphlet entitled "Questions and Answers on the Fair Labor Standards Act of 1938." The pamplet is a compilation of fifty-two questions and their answers relating to the application of the act to the labor operations of the fertilizer industry. The cost is 1½ cents each, plus postage.

Alcohol-Gasoline Fuel Tax-Exemption Proposed

OPD Washington Bureau
January 17, 1939

Gasoline mixed with 10 percent of ethyl alcohol produced from domestic agricultural crops would be exempted from the Federal excise tax on gasoline under a bill (H. R. 2559) introduced in the house by Representative Vincent F. Harrington of Iowa.

A bill (S. 552) introduced in the senate by Senator Guy M. Gillette of Iowa would exempt from the tax gasoline mixed with 7 percent of ethyl alcohol produced from domestic agricultural crops.

Reed Drug Company, Baltimore, sales for 1938 totaled $2,181,943, against $2,060,561 in 1937.

Freeport Sulphur Makes Mason Technical Director

The appointment of Donald B. Mason, as technical director of the Freeport Sulphur Company, this city, has been announced by Langbourne M. Williams, jr., president of the company. In his new position, Mr. Williams said, Mr. Mason will be responsible for coordinating the various research activities of the company and interpreting with management technical developments in the chemical and other industries served by the company.

Donald B. Mason

Exhaustive study of the number of industries for which sulphur and sulphuric acid are vital raw materials, Mr. Williams declared, has convinced us of the essential need for further coordination of our research activities with the diverse aims of American industry generally, which is stressing more and more the need for higher research budgets.

Mr. Mason, who has been with Freeport Texas as chemical engineer for six years will be able to devote considerable attention to cooperating with universities in research fellowships sponsored by the company, and will have more direct responsibility in chemical problems in connection with the company's properties at Port Sulphur, Louisiana, and Freeport, Texas, where sulphur is mined by the hot-water process. After two years in the Signal Corps of the Army during the World War, Mr. Mason finished his undergraduate work in chemical engineering at the University of Rochester and then completed graduate work in the School of Chemical Engineering Practice at the Massachusetts Institute of Technology.

N.Y. Textile Chemists To Get Consumer Slant

"Labeling of Consumer Textile Goods" and "Science Looks at Customer Complaints" will be the topics presented at the meeting January 27 of the New York Section of the American Association of Textile Chemists and Colorists. Their presentation will be by Charles L. Simon, of the Industrial By-Products & Research Corporation, Philadelphia.

Mr. Simon is a graduate in chemical engineering of the University of Pennsylvania and for the past twelve years has specialized in textile research in respect of development, finishing, testing, standardizing, and merchandising. His company acts in the capacity of a bureau of standards for a number of manufacturers of textiles and of clothing and for several large department stores. His address will have to do with problems of textile manufacturing and retailing, and will be followed by an open discussion.

The meeting will be held in the Chemists' Club, this city at 8:00 p. m. It will be preceded by an informal dinner at 6:30 p. m., the charge for which will be $1.50. The customary registration fee of 25 cents will be collected at the meeting.

West Turner Petroleums, Ltd., stockholders have approved a proposed merger with the British Pacific Oils, Ltd.

Texas-Canadian Oil Corporation, Ltd., Toronto, has taken over 4,400 acres in Mattoon district of Coles county, Ill.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

Two-hundred-sixty-second Instalment

Methanol

Solvents Miscible with Methanol

(Continued from January 16 issue)

Methylbutyl ether
Methylbutyl ketone
Methylethyl carbonate
Methylethyl ether
Methylethyl ketone
Methylheptyl ether
Methyl propyl alcohol
Methylpropyl ether
Methylpropyl ketone
Octyl aldehyde
Octylamine
Phenylpropyl alcohol
Propionic acid
Propionic aldehyde
Propyl acetate
Propyl alcohol
Propyl ether
Propylamine, normal
Propylhexyl ketone
Phenylamine
Propylene oxide
Propyleneglycol ethyl-ether
Propyleneglycol iso-propylether
Propyleneglycol methyl-ether
Terpinene
Toluene
Toluidin
Tetraethyleneglycol
Tetraethyleneglycol ethyl-ether
Tributylamine, normal
Triethylamine
Triethyleneglycol
Triethyleneglycol ethyl-ether
Trifluorotrichloroethane
Trimethylenediamine
Water

Meat Scrap

Deodorizers for Meat Scrap in Fertilizer Mixtures

Alkali bisulphates
Alkali carbonates
Alkali chlorides
Alkali compounds
Alkali hydroxides
Alkali nitrates
Alkali phosphates
Alkali salts
Alkali sulphates
Alkali sludge sulphonates
Alkali-earth carbonates
Alkali-earth chlorides
Alkali-earth compounds
Alkali-earth hydroxides
Alkali-earth nitrates
Alkali-earth oxides
Alkali-earth sulphates
Aliphatic polythiocyanates
Ammonia
Ammonium acetate
Ammonium bisulphate
Ammonium borate
Ammonium carbanate
Ammonium carbonate
Ammonium chloride
Ammonium citrate
Ammonium fluoride
Ammonium hydroxide
Ammonium nitrate
Ammonium oxalate
Ammonium phosphate
Ammonium process lime mud
Ammonium pyrosulphate
Ammonium salts
Ammonium salts of dithio-carbamate
Ammonium sulphate
Ammonium sulphite
Barium hydroxide
Barium hydrosulphide
Barium hydrosulphide with calcium oxide
Barium sulphide
Barium sulphydrates
Bisulphites
Borax
Bordeaux mixture
Bordow
Cellulose sulphite liquor
Calcium acid phosphate
Calcium carbonate
Calcium chloride
Calcium diacid phosphate
Calcium fluoride
Calcium hydroxide
Calcium nitrate
Calcium pentasulphide
Calcium phosphate
Calcium polysulphide
Calcium salts
Calcium sulphate
Calcium sulphide
Calcium tetrasulphide
Calcium-ammonium nitrate
End lye
Formaldehyde
Formalin
Furfural
Gas lime
Lactic acid
Lime
Lime-sulphur compounds
Leuna saltpeter
Metabisulphites
Metal sulphates
Mineral phosphates
Paraformaldehyde
Potassium carbonate
Potassium chloride
Potassium hydroxide
Saltcake
Sludge sulphonates
Sludge sulphonic acids
Soap sludge sulphonates
Soda lime
Sodium arsenate
Sodium borate
Sodium chloride
Sodium nitrate
Sodium fluosilicate
Sodium phosphate
Sodium sulphide
Sulphates
Sulphites
Sulphur and arsenical compounds
Superphosphates

Metals

Pickling Agents for Metals

Aula
Hydrochloric acid
Nitric acid, cold dilute
Nitric acid, moderately dilute
Sulphuric acid, dilute
Sulphuric acid, hot concentrated

Pickling Bath Inhibitors for Metals

Acacia plus a nitrogenous cyclic compound
Acacia plus quinolin
Acacia plus tar oil containing an organic base
Aliphatic amine plus mercaptobenzothiazole
Alkyl isothiocyanate
Allyl isothiocyanates
Allyl mustard oil
Ammonium citrate
Aryl mustard oil
Benzyl sulphoxide
Caustic alkali plus mercaptobenzothiazole
Cinchona bark alkaloid with thiuram sulphide
Cinchona bark alkaloid with aldehyde amine
Condensation product of acetaldehydeanilin and quinoidin
Colloids plus nitrogenous cyclic compounds
Colloids plus quinolin
Colloids plus tar oil containing an organic base
Dibenzylformaldehyde mercaptal
Diorthotolylthiourea in concentrated sulphuric acid
Diphenyl sulphoxide
Diphenylene sulphoxide
Glue plus nitrogenous cyclic compounds
Glue plus quinolin
Glue plus tar oil containing an organic base
Gums plus nitrogenous cyclic compounds
Gums plus quinolin
Gums plus tar oil containing an organic base
Hydrogen peroxide aqueous solution and nitric or hydrochloric acid or mixtures of nitric and other pickling acids
Ichthyol, natural or synthetic
Ichthyol sulphonate
Inorganic salts of anthracene oil sulphonic acid
Mercaptobenzothiazole plus an aliphatic amine or a caustic alkali
Mustard oils
Naphthyl isothiocyanate
Organic sulphoxides
Phenyl isothiocyanates
Phenyl mustard oil
Quinoidin with thiuram sulphide or aldehyde amine
Sulphite cellulose lye and a nitrogenous cyclic compound
Sulphite cellulose lye and quinolin
Sulphite cellulose lye and tar oil containing an organic base
Thianthrene sulphoxide
Tolyl isothiocyanate

Reagents for Purification of Metals in Process of Manufacture

Boron trioxide
Cerium oxide
Charcoal
Coke
Cuprous oxide
Metal suboxides
Suboxides
Thorium oxide
Titanium oxide
Titanium suboxide
Tungsten suboxide
Vanadium suboxide
Zirconium oxide

Methane

Generators of Methane

Alkyl magnesium halide with water
Aluminum carbide with water
Carbon bisulphide and hydrogen sulphide over heated copper
Electric spark discharge on a mixture of carbon monoxide and hydrogen
Methyl iodide reduction
Mixture of sodium acetate, potassium hydroxide, and quicklime heated
Reduction of oxides of carbon with hydrogen, using nickel as catalyst
Reduction of unsaturated hydrocarbons

Solvents for Methane

Alcohol
Ether
Fuming sulphuric acid
Water (slightly soluble)

Methylating Agents

Dimethyl sulphate
Methyl sulphate

Shipping Information

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Imports at U.S. Ports

New York Imports

ACACIA FLOWERS—1 bg, E C Diez Drug Co, Hansa, Hamburg
ACID, COCONUT OIL—94 dms, 20 bbls, Zaandam, Rotterdam
CRESYLIC—50 dms, American Cyanamid & Chem Co, Gudrum Maersk, London
PEANUT OIL—275 dms, Westernland, Antwerp
98 dms, I R Boody & Co, Gudrum Maersk, Rotterdam
SHEANUT OIL—87 bbls, Westernland, Antwerp
SILICIC—4 cs, Akatos, Inc, Hansa, Hamburg
STEARIC—125 bgs, M J Corbett & Co, Zaandam, Rotterdam
100 bgs, Strohmeyer & Arpe Co, Zaandam, Rotterdam
72 bgs, Binney & Smith Co, Zaandam, Rotterdam
AGAR AGAR—25 bls, Mitsui & Co, Arimasan, Kobe
20 bls, Kashurin Drug Co, Arimasan, Kobe
ALBUMEN, VEGETABLE — 146 cs, Volkart Bros, Hansa, Hamburg
182 cs, 91 bgs, Julius Schurlein, Hansa, Hamburg
ALCOHOL, COMP—10 dms, L V Songhurst, Angelina, San Juan
DENATURED—698 dms, P R Alcohol Co, Angelina, San Juan
654 dms, C P Chemical Solvents, Ponce, Ponce
ALKANET ROOT—8 bls, Peek & Velsor, Exeter, Marseilles
ALOE — 97 cs, Curacao Trading Co, Flora, Curacao
300 cs, Crijnssen, La Guaira
ALUMINUM FOIL—39 cs, Rohner-Gehrig Co, Ile de France, Havre
AMMONIA, PERCHLORATE—70 bbls, International Selling Corp, Collamer, Havre
SULPHOCYANIDE—20 kgs, 1 ton, 1 cwt, 2 qtrs, 17 lbs, Pfaltz & Bauer, Britannic, Liverpool
AMYLOGUM—1 ck, G F Doherty Co, Hansa, Hamburg
ANGELICA ROOT—2 cs, Park & Tilford Distillers, American Farmer, London
ANNATTO SEED—8 bgs, J Victori Co, Borinquen, Trujillo
ARSENIC, WHITE—50 dms, Industrial Sales Corp, Gudrum Maersk, Antwerp
ARTIST'S MATERIAL—11 cs, Favor Ruhl & Co, Ascania, Southampton
1 cs, Winsor & Newton, Ausonia, London
ASPHALT—3 bgs, Siboney, Havana
PETROLEUM—55,333 bbls, Shell Union Oil Co, Pomella, Curacao
ASPHALTUM—170 bgs, M Cortada, Siboney, Havana
BARIUM HYDRATE—35 cks, 8 tons, 8 cwts, 2 qtrs, 14 lbs, Britannic, Liverpool
BARYTES—2 cars, United Color & Pigment Co, Seatrain New York, Havana
BERRIES, MEDICINAL—10 bgs, Park & Tilford Distillers, American Farmer, London
BIRCH LEAVES—2 bgs, E C Diez Drug Co, Hansa, Hamburg
BLACK BERRY—1 bg, E C Diez Drug Co, Hansa, Hamburg
HELLEBORE ROOT—2 bls, J L Hopkins & Co, Vulcania, Trieste
BONE FLOUR—1,100 bgs, Lucia C, Fiume
BRISTLES—8 cs, Chesnut, Cooper & Co, Ascania, Southampton
3 bbls, 8 cs, Batory, Gdynia
50 cs, Corn Exchange Bank, Silverash, Hongkong
25 cs, Public Natl Bank, Silverash, Hongkong
13 cs, American Farmer, London
21 cs, Chesnut, Cooper & Co, Ausonia, London
4 cs, F H Cone & Co, Gadrun Maersk, London
BRONZE POWDER—15 cs, Heemsoth, Kerner Corp, Hansa, Hamburg
BUCHU LEAVES—5 bls, Ausonia, Southampton
CADMIUM METAL—40 cs, Gudrun Maersk, Antwerp
CALCIUM METALLIC—32 cs, Charles Hardy, Exeter, Marseilles
TARTRATE — 55 bgs, Standard Brands, Cypria, Marseilles
379 bgs, Standard Brands, Exmoor, Algiers
CANAIGRE ROOT—208 bgs, Siboney, Vera Cruz
CANARY SEED—1,000 bgs, A G Dunn, Erik Frisell, Buenos Aires
CARAWAY SEED—250 bgs, 27,500 lbs, Levy & Levis Co, Zaandam, Rotterdam
CARDAMOM—9 cs, American Farmer, London
80 cs, Barber S S Line, American Farmer, London
CAROB BEANS—200 cs, F Mastronardi, Fernglen, Naples
100 cs, Alfred Freeman, Exeter, Haifa
FLOUR—200 bgs, Exeter, Marseilles
CASSIA—50 bls, Silverash, Hongkong
CASTOR BEANS—9,350 bgs, Baker Castor Oil Co, Mormacrey, Bahia
3,400 bgs, L Dreyfus & Co, Thule, Pernambuco
5,110 bgs, Baker Castor Oil Co, Camamu, Bahia
CENTUARY HERBS—4 bgs, E C Diez Drug Co, Hansa, Hamburg
CHALK, BLOCK—500 tons, Taintor Trading Co, Collamer, Dunkirk
CHARCOAL—15 cs, Cypria, Marseilles
CHEMICALS—9 bbls, Riedel de Haen, Hansa, Hamburg
10 cs, Pfaltz & Bauer, Hansa, Hamburg
323 cks, 26 cs, Hansa, Hamburg
667 bgs, Innis, Speiden & Co, Hansa, Hamburg
4 bbls, Philip Bauer Co, Hansa, Hamburg
6 cs, Phoenix Shipping Co, Hansa, Hamburg
32 cs, 10 bottles, Hansa, Hamburg
28 cs, Schimmel & Co, Hansa, Hamburg
1 cs, Trojan Powder Co, Hansa, Hamburg
50 crbys, 10 cs, 9 cks, Hansa, Hamburg
3 cs, Sanacrin Hair Prod Co, Scanyork, Gdynia
40 bbls, Hummel Chem Co, Batory, Gdynia
7 cks, Sandoz Chem Works, Ile de France, Havre
8 bgs, Concentrate Mfg Co, Ile de France, Havre
6 cks, 2 cs, Lo Curto & Funk, Ile de France, Havre
1 cs, Mallinckrodt Chem Works, Drotttningholm, Gothenburg
37 cs, Bergstrom Trading Co, Drottningholm, Gothenburg
154 bgs, American Fluoride Corp, Zaandam, Rotterdam
42 kgs, Pfaltz & Bauer, Zaandam, Rotterdam
20 cks, Advance Solvents & Chem Co, Zaandam, Rotterdam
CHEMICALS—26 cks, 5 dms, 2 cs, Zaandam, Rotterdam
3 cs, D E Andrews & Co, Zaandam, Rotterdam
3 dms, Yardley & Co, Ausonia, London
100 dms, Advance Solvents & Chem Co, Westernland, Antwerp
13 dms, Merck & Co, Collamer, Havre
132 cks, D C Andrews & Co, Gudrum Maersk, Rotterdam
CHROME OXIDE—3 bbls, Hensel Bruckmann & Lorbacher, Hansa, Hamburg
CLAY—250 bgs, W Manley, Hansa, Hamburg
2 bgs, Hansa, Hamburg
CLOVES—115 bgs, American Farmer, London
64 bgs, Arles Co, Exeter, Marseilles
COALTAR DERIVATIVES—18 dms, General Aniline Works, Zaandam, Rotterdam
INTERMEDIATES—13 dms, General Aniline Works, Zaandam, Rotterdam
COBALT OXIDE—28 kgs, 14 cs, Central Trading Corp, Scanyork, Kowisto
60 cks, Westernland, Antwerp
COCA LEAVES—105 bls, Maywood Chem Works, Santa Rita, Salaverry
COCOA BEANS—2,857 bgs, Hansa, Hamburg
53 bgs, Lopez & Mangual, Flora, Maracaibo
250 bgs, Barclay Bank, Crijnssen, Trinidad
200 bgs, Curacao Trading Co, Crijnssen, La Guaira
1,294 bgs, Curacao Trading Co, Borinquen, Trujillo
57 bgs, Holland American Line, Zaandam, Rotterdam
743 bgs, Zaandam, Rotterdam
600 bgs, Curacao Trading Co, Ponce, La Romana
1,306 bgs, Curacao Trading Co, Ponce, Sanchez
1,300 bgs, Curacao Trading Co, Ponce, Porto Plata
16,000 bgs, Thule, Bahia
1,000 bgs, Bankers Trust Co, Thule, Ilheos
20,000 bgs, Thule, Ilheos
1,000 bgs, W R Grace & Co, Camamu, Bahia
4,000 bgs, S Bartholomew & Co, Camamu, Bahia
3,000 bgs, Camamu, Bahia
1,000 bgs, Wessel Kulenkampf & Co, Leif, Trujillo
1,000 bgs, Curacao Trading Co, Leif, Sanchez
1,900 bgs, Machado & Co, Leif, Sanchez
300 bgs, Machado & Co, Leif, Puerto Plata
200 bgs, Wessel, Kulenkampf & Co, Leif, Puerto Plata
125 bgs, Porcella, Vicini & Co, Leif, Puerto Plata
350 bgs, Cristobal, Southern Pacific ports
COCONUT, DESIC—980 cs, Cooperative Coconut Products, Arimasan, Manila
COCONUTS—20 bgs, H Schwab, Siboney, Havana
239 half bgs, Universal Import & Export Co, Angelina, Mayaguez
132 bgs, General Food Corp, Angelina, Mayaguez
1,313 bgs, General Food Corp, Angelina, San Juan
10 bgs, J Di Cristina, Borinquen, San Juan
6 bgs, Manhattan Produce Exchange, Borinquen, San Juan
3,043 bgs, General Food Corp, Jamaica, Kingston
1,000 bgs, Jamaica, Kingston
500 bgs, I L Toledano Corp, Cristobal, Cristobal
COLORS, CADMIUM—8 bbls, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
CERAMIC — 2 cs, B F Drakenfeld & Co, Britannic, Liverpool
DRY—60 cks, C J Osborn & Co, Zaandam, Rotterdam
4 cks, American Farmer, London
15 cks, Stanley Doggett, Exeter, Genoa
COLTFOOT LEAVES—2 bgs, E C Diez Drug Co, Hansa, Hamburg
CONIUM LEAVES—4 bls, J L Hopkins & Co, Vulcania, Trieste
CORIANDER SEED—300 bgs, Knickerbocker Mills Co, Exmoor, Casablanca
10 bgs, Park & Tilford Distillers, American Farmer, London
CORK—94 bls, Mundet Cork Co, Cypria, Lisbon
8 bgs, Exmoor, Lisbon
SHAVING—129 bls, Chemical Bank Trust Co, Cypria, Bona
204 bls, Cypria, Lisbon
VIRGIN—25 bls, H Suhl, Exmoor, Algiers
1,800 bls, A Lichtenstein, Exmoor, Casablanca
WASTE—8,596 bls, Cypria, Bone
979 bls, Chase Natl Bank, Cypria, Bona
200 bls, Wicander & Co, Exmoor, Lisbon
2,495 bls, Mitchel & Smith, Lucia C, Djidjelli
WOOD—4,590 bls, Mitchell & Smith, Lucia C, Bona
710 bls, L Mundet & Sons, Lucia C, Djidjelli
132 bls, H Suhl, Lucia C, Djidjelli
3,300 bls, Chemical Bank Trust Co Cypria, Bona
177 bls, L Mundet & Son, Cypria, Bona
84 bls, H Suhl, Cypria, Bona
30 bls, Cypria, Lisbon
74 bls, Mundet Cork Co, Cypria, Lisbon
30 bls, Armstrong Cork Co, Cypria, Lisbon
50 bls, H Suhl, Exmoor, Algiers
115 bls, Armstrong Cork Co, Exmoor, Algiers
175 bls, Armstrong Cork Co, Exmoor, Seville
15 bls, Exmoor, Seville
251 bls, Wicander & Co, Exmoor, Lisbon
COTTON LINTERS—65 bls, A Bloch & Co, Siboney, Vera Cruz
CUMIN SEED—100 bgs, Cypria, Marseilles
300 bgs, Hellenic Bank Trust Co, Exeter, Haifa
DERRIS ROOT—50 bls, S B Penick & Co, Silverash, Singapore
DRUGS—28 bls, 1 cs, E C Diez Co, Hansa, Hamburg
DYES, ALIZARIN—33 cks, General Dyestuff Corp, Hansa, Hamburg
ANILIN—77 kegs, Carbic Color & Chem Co, Hansa, Hamburg
37 cks, General Dyestuff Corp, Hansa, Hamburg
4 cyls, Sandoz Chem Works, Ile de France, Havre
78 cans, Ciba Co, Ile de France, Havre
21 cks, Geigy Co, Ile de France, Havre
9 cks, Fulton Dye Import Co, Ile de France, Havre
42 kegs, 1 cs, Carbic Color & Chem Co, Ile de France, Havre
23 dms, 1 cs, Sandoz Chem Works, Zaandam, Rotterdam
8 cks, Westernland, Antwerp
FAT, VEGETABLE — 2 bbls, J H Faunce, Scanyork, Gdynia
WOOL—12 dms, 2 tons, 5 cwt, 3 qtrs, 15 lbs, Britannic, Liverpool
FENUGREEK SEED—100 bgs, W M Allison & Co, Exmoor, Casablanca
FILTER PAPER—2 cs, H Reeve Angel & Co, Ascania, Southampton
13 cs, H Reeve Angel & Co, Ausonia, London
FLAXSEED—1,487 tons, 59,480 bu, L Dreyfus & Co, Troubadour, Santa Fe
2,362 tons, 94,480 bu, L Dreyfus & Co, Troubadour, Diamente
3,667 tons, 146,680 bu, L Dreyfus & Co, Troubadour, Buenos Aires
1,271 bgs, 2,796 bu, Bunge North American Grain Co, Western Prince, Buenos Aires
427 tons, 17,000 bu, Bunge North American Grain Co, Western Prince, Buenos Aires
FLEASEED—30 bgs, Kachurin Drug Co, Exeter, Marseilles
100 bgs, Associated Laboratories, Exeter, Marseilles
10 bgs, Ideal Trading Co, Exeter, Marseilles
FLOWERS, MEDICINAL—1 bg, E C Diez Drug Co, Hansa, Hamburg
FULLER'S EARTH—200 bgs, 44,000 lbs, L A Salomon & Bros, Ausonia, London
GELATIN—4 cs, Dingelstedt & Co, Hansa, Hamburg
40 bgs, 2 cs, International Selling Corp, Ile de France, Havre
POWDERED—14 bbls, R D McLellan, Black Heron, Rotterdam
1 cs, International Selling Corp, Westernland, Antwerp
30 bgs, Rex & Reynolds, Exeter, Marseilles
SHEET—50 cs, J J Murphy Co, Hansa, Hamburg
23 cs, American Express Co, Hansa, Hamburg
10 cs, C B Hewett & Son, Westernland, Antwerp
1 cs, International Selling Corp, Westernland, Antwerp
25 bgs, Rex & Reynolds, Exeter, Marseilles
GINGER ROOT—2 bgs, Sion Solomon, Seatrain New York, Havana
GLASS, PLATE—35 cs, Globe Shipping Co, Hansa, Hamburg
SHEET—1,325 cs, Westernland, Antwerp
WINDOW — 34 cs, Phoenix Shipping Co, Hansa, Hamburg
5 cs, Leo Popper & Son, Hansa, Hamburg
1 cs, Semon Bache & Co, Hansa, Hamburg
300 cs, Fernglen, Leghorn
1,150 cs, National City Bank, Westernland, Antwerp
1,040 cs, Westernland, Antwerp
3,036 cs, Gudrun Maersk, Antwerp
GLUE—5 bgs, Roepke & Otto, Hansa, Hamburg
9 cs, Rohner, Gehrig & Co, Ile de France, Havre
BONE—100 bgs, Vulcania, Trieste
GRAPHITE—939 bgs, Asbury Graphite Mills, Silverash, Tamatave
1,000 bgs, Silverash, Tamatave
155 bgs, Asbury Graphite Mills, Ile de France, Havre
GREASE, WOOL—25 bbls, 5 tons, 5 cwt, 2 qtrs, 25 lbs, Hummel Chem Co, Britannic, Liverpool
GUM—2 cs, D C Andrews & Co, American Farmer, London
CHICLE—146 bls, F Huber & Co, Siboney, Vera Cruz
3,256 bls, Mexican Exploitation Co, Siboney, Vera Cruz
COPAL—84 bgs, G W S Patterson & Co, Ascania, Southampton
8 bgs, Karr, Ellis & Co, Britannic, Liverpool
35 bgs, Gillespie, Rogers, Pyatt Co, Silverash, Singapore
400 bgs, Westernland, Antwerp
DAMMAR—210 bgs, 90 cs, American Cyanamid & Chem Co, Silverash, Singapore
70 bgs, Gillespie, Rogers, Pyatt Co, Silverash, Singapore
420 bgs, 50 cs, O G Innes Corp, Silverash, Singapore
210 bgs, G W S Patterson & Co, Silverash, Singapore
50 cs, France, Campbell & Darling, Silverash, Singapore
205 bgs, S Winterbourne & Co, Silverash, Singapore
210 bgs, Silverash, Singapore
TRAGACANTH—9 bgs, 15 cwt, 2 qtrs, 19 lbs, Frank Vliet Co, Britannic, Liverpool
7 bgs, Gudrun Maersk, Rotterdam
GYPSUM—400 bgs, Whittaker, Clark & Daniels, Bassano, Hull
HERBS, MEDICINAL—45 bls, 35 bgs, 20 cs, Hansa, Hamburg
2 bgs, Eimer & Amend, Hansa, Hamburg
75 bgs, Allaire, Woodward & Co, Fernglen, Naples
25 bls, Vulcania, Trieste
30 bls, Peek & Velsor, Vulcania, Trieste
HOPS—25 bls, Hansa, Hamburg
20 cs, S S Steiner, Batory, Gdynia
50 bls, Atlantic Forwarding Co, Ile de France, Havre
35 bls, O Seidenberg, Vulcania, Trieste
105 bls, S S Steiner, Vulcania, Trieste
97 bls, T D Downing & Co, Vulcania, Trieste
10 bls, Rohner, Gehrig Co, Vulcania, Trieste
HORSETAIL HERBS—2 bgs, E C Diez Drug Co, Hansa, Hamburg
ILMENITE SAND—8,100 tons, Wichita, Bombay
IRON ORE—22 dms, Reichard, Coulston, Britannic, Liverpool
2 bgs, J G Baragwanath, Chiriqui, Havana
30 bgs, Ausonia, London
OXIDE—30 cks, 8 tons, 4 cwts, 3 qtrs, J A McNulty, Britannic, Liverpool
10 dms, Cypria, Marseilles
435 bgs, 60 bbls, C J Osborn & Co, Exmoor, Malaga
54 bbls, Exmoor, Malaga
5 cks, Stanley, Doggett, Zaandam, Rotterdam
32 cks, Reichard, Coulston, Zaandam, Rotterdam
25 cks, J Lee Smith & Co, Bassano, Hull
2 cks, Exeter, Marseilles
ISINGLASS—1 cs, C H Reisig, Ascania, Southampton
1 cs, C H Reisig, Ausonia, London
10 cs, Ausonia, London
JUNIPER BERRIES—154 bgs, Fernglen, Leghorn
KOLA NUTS—48 bgs, D Steengrafe, Jamaica, Kingston
LUNGWORT HERBS—1 bg, E C Diez Drug Co, Hansa, Hamburg
LYCOPODIUM—24 cs, McKesson & Robbins, Drottningholm, Gothenburg
MAGNESIA, CALCINED—25 cs, 1 ton, 10 cwts, 2 qtrs, 16 lbs, Schofield-Donald Co, Britannic, Liverpool
CARBONATE—10 cks, 5 cwts, 2 qtrs, 14 lbs, Schofield-Donald Co, Britannic, Liverpool
1 cs, Vulcania, Trieste
MANGANESE, HYDRATE—2 cks, 1 ton, 4 cwt, 1 qtr, 14 lbs, Britannic, Liverpool
ORE—1 cs, General Dry Batteries, Puerto Rico, San Juan
MANGROVE BARK — 1,345 bgs, 100 tons, Guaranty Trust Co, Robin Goodfellow, Zanzibar
2,340 bgs, Robin Goodfellow, Kilwa Kisiwani
(See Wattle Bark for correction of erroneous earlier listing)
MATCHES, SAFETY—1,750 cs, Godo Match Co, Arimasan, Kobe
401 cntrs, Guaranty Trust Co, Hansa, Hamburg
32 cntrs, Hansa, Hamburg
9,000 cntrs, N Y Match Co, Drottningholm, Gothenburg
100 cs, Westernland, Antwerp
MEDICINAL PREPS—3 cs, Burroughs, Wellcome & Co, Ascania, Southampton
20 cs, E Fougera & Co, Ile de France, Havre
8 cs, Burroughs, Wellcome & Co, American Farmer, London
MELISSAE LEAVES—1 bg, E C Diez Drug Co, Hansa, Hamburg
MICA—18 cs, Globe Shipping Co, American Farmer, London
6 cs, American Farmer, London
5 bgs, A S Wilson, Robin Goodfellow, Lourenco Marques
MILFOIL HERBS—2 bgs, E C Diez Drug Co, Hansa, Hamburg
MISTLETOE—1 bg, E C Diez Drug Co, Hansa, Hamburg
METHYL BENZONATE—1 cs, Akatos, Inc, Hansa, Hamburg
MOLASSES—1,292,187 gls, Cuba Distilling Co, Cassimer, Manati
MUSTARD SEED—150 bgs, Hansa, Hamburg
200 bgs, C Gulden, Black Heron, Rotterdam
380 bgs, American Farmer, London
8 bgs, Lucia C, Catania
MYROBALANS, EXTRACT—500 bgs, International Prod Corp, Vincent, Dundee
350 bgs, International Prod Corp, Bassano, Hull
NAPHTHALENE—1,270 bgs, Scanyork, Gdynia
NETTLE LEAVES—2 bgs, E C Diez Drug Co, Hansa, Hamburg
NUTGALLS—101 bgs, Exeter, Alexandria
7 bgs, Peek & Velsor, Vulcania, Trieste
OCHER—25 dms, 344 bgs, Reichard Coulston, Britannic, Liverpool
889 bgs, Cypria, Marseilles
840 bgs, Reichard Coulston, Exeter, Marseilles
300 bgs, Scott L Libby Corp, Exeter, Marseilles
60 cks, Wishnick-Tumpeer, Exeter, Marseilles
OIL, CASSIA—10 dms, Norda Essential Oil & Chem Co, Silverash, Hongkong
5 dms, Geo Lueders & Co, Silverash, Hongkong
10 dms, Silverash, Hongkong
COCONUT—469 tons, Pacific Vegetable Oil Co, Arimasan, Cebu
964 tons, Philippine Refg Co, Arimasan, Cebu
462 tons, Philippine Refg Co, Silverash, Cebu
10 cs, I L Toledano Corp, Jamaica, Kingston
COD—104 cks, F W Damon, Fort Amherst, St Johns
100 dms, 50 cks, Atlas Refinery, Fort Amherst, St Johns
35 cks, Atlas Refinery, Belle Isle, St Johns
130 dms, Fidelity Trust Co, Gudrun Maersk, Rotterdam
CODLIVER—22 dms, Epic Kerry, Arimasan, Kobe
25 dms, C F Mattlage Sales Co, Zaandam, Rotterdam
50 dms, R J Prentiss & Co, Zaandam, Rotterdam
500 dms, Bassano, Hull
50 dms, Consumers Import Co, Bassano, Hull
794 dms, McKesson & Robbins, Bassano, Hull
CORN—200 cks, Corn Product Refg Co, Lucia C, Trieste
CROTON—3 cs, Fritzsche Bros, Hansa, Hamburg
ESSENTIAL—9 cs, Hansa, Hamburg
3 dms, Castillo, Puerto Barrios
30 pkgs, Ile de France, Havre
4 cs, 2 dms, Zaandam, Rotterdam
6 cs, Exeter, Marseilles
EUCALYPTUS—26 dms, Orbis Product Corp, Port Halifax, Melbourne
FISH LIVER—3 dms, 1 cs, Vitamerican, Inc, Arimasan, Yokohama
1 dm, J B Irwin & Co, Gudrun Maersk, London
FUEL—22,000 bbls, Standard Oil Co of N J, Victolite, Aruba
52,000 bbls, Asiatic Petroleum Corp, San Zotico, Curacao
FUSEL—11 dms, C P Chemical Solvents, Angelina, Ponce
GERANIUM — 12 dms, 2 kegs, Silverash, Pointe des Galets
3 dms, 2 kegs, Chase National Bank, Silverash, Pointe des Galets
3 dms, 2 kegs, Corn Exchange Bank, Silverash, Pointe des Galets
1 dm, Yardley & Co, Ausonia, London
LAVENDER—5 dms, Exeter, Marseilles
LEMONGRASS—1 dm, Van Ameringen Haebler, Exeter, Marseilles
LIME—3 dms, Yardley & Co, Ausonia, London
MINERAL—200 dms, Hansa, Hamburg
35 dms, Collamer, Havre
OLIVE—50 cs, Cypria, Lisbon
325 cs, Exmoor, Tangier
100 dms, Rhode Island Hospital Bank, Exmoor, Algiers
54 dms, New Brunswick Lab, Exmoor, Casablanca
35 cs, Exmoor, Lisbon
16 cs, Ile de France, Havre
13 pkgs, Lucia C, Palermo
60 dms, C A Smith, Lusia C, Algiers
275 cs, Fernglen, Piraeus
50 dms, E M Sergeant Pulp & Chem Co, Fernglen, Piraeus
2,770 cs, Fernglen, Leghorn
100 dms, Italo-Hellenic Com'l Bank, Exeter, Piraeus
133 dms, Bank of Greece, Exeter, Piraeus
50 dms, Ionian Bank, Exeter, Piraeus
655 dms, Smith-Welhman Co, Exeter, Piraeus
225 dms, Bank of Athens, Exeter, Piraeus
150 dms, Venice Import Co, Exeter, Piraeus
50 dms, Uddo Taormina Corp, Exeter, Piraeus
100 dms, J Osolo, Exeter, Piraeus
25 dms, Andrew Makus, Exeter, Piraeus
25 dms, Leghorn Trading Co, Exeter, Piraeus
56 dms, Berolio Import Co, Exeter, Leghorn
40 cs, Exeter, Leghorn

OIL, OLIVE—791 cs, Exeter, Genoa
70 dms, Atlantic & Pacific Tea Co, Exeter, Genoa
100 demijs, R Gerber, Exeter, Genoa
50 cs, Exeter, Marseilles
ORANGE—5 cs, Ungerer & Co, Jamaica, Kingston
5 dms, A Verley, Exeter, Marseilles
PALM—50 dms, Balfour, Guthrie & Co, Zaandam, Rotterdam
PENNYROYAL—1 dm, Exeter, Marseilles
PETITGRAIN—15 cs, Mormacrey, Buenos Aires
RAPESEED—293 tons Mitsui & Co, Arimasan, Kobe
RICE BRAN—2 cs, Mitsui & Co, Arimasan, Kobe
270 tons, Britannic, Liverpool
ROSEWOOD—1 dm, Yardley & Co, Ausonia, London
SAGE—5 dms, E E Marks & Co, Vulcania, Dubrovnik
SESAME—100 dms, Zaandam, Rotterdam
10 dms, La Manna, Azema & Farnan, Scanmail, Copenhagen
100 dms, Balfour, Guthrie & Co, Scanmail, Copenhagen
SPERM—1 cs, Welch, Holme & Clark, Caledonia, Glasgow
SYNTHETIC—55 cs, 2 cks, Lo Curto & Funk, Gudrun Maersk, Rotterdam
VETIVER—12 kgs, Silverash, Pointe Des Galets
OPIUM—2 cs, Sharp & Dohme, Lucia C, Dubrovnik
160 cs, Mallinckrodt Chem Works, Vulcania, Dubrovnik
259 cs, Merck & Co, Vulvania, Dubrovnik
ORRISROOT—48 bls, Cypria, Marseilles
25 bls, Exeter, Leghorn
PAPAIN—20 cs, S B Penick & Co, Silverash, Colombo
PAPRIKA—1,154 bgs, Cypria, Lisbon
100 bgs, Exmoor, Lisbon
1,062 bgs, Vulcania, Lisbon
PATCHOULI LEAVES—375 bgs, Silverash, Singapore
PEAT DUST—220 bls, New Amsterdam, Import & Supply Co, Caledonia, Glasgow
PEATMOSS—800 bls, Halfmoon Mfg Trading Co, Zaandam, Rotterdam
250 bls, Premier Peatmoss Corp, Zaandam, Rotterdam
PEPPER—5 bgs, Hahne & Burns, Gudrun Maersk, London
PETROLEUM, CRUDE—81,000 bbls, Standard Oil Co of N J, Victolite, Aruba
PHOSPHORUS, RED—10 cs, Mitsui & Co, Arimasan, Kobe
PIMENTO—100 bgs, Jamaica, Kingston
PITCH—5 bbls, J Eisenbeiss, Hansa, Hamburg
PASTER—120 bgs, 5 dms, E H Consins, Bassano, Hull
POPPYSEED — 1,000 bgs, 11,000 lbs, H S Cramer & Co, Scanyork, Gdynia
300 bgs, 33,000 lbs, C M Van Sillevoldt, Black Heron, Rotterdam
256 bgs, 28,160 lbs, Batory, Gdynia
100 bgs, 11,000 lbs, Zaandam, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Zaandam, Rotterdam
100 bgs, 11,000 lbs, Jewett & Sherman, Zaandam, Rotterdam
150 bgs, 16,500 lbs, Levy & Levis Co, Zaandam, Rotterdam
100 bgs, 11,000 lbs, H Joel, Gudrun Maersk, R tterdam
POTASH—4 cs, Gudrun Maersk, Antwerp
CHLORATE—400 bbls, Charles Hardy, Collamer, Havre
PRUSSIATE—50 cks, Zaandam, Rotterdam
PUMICE, ARTIF—20 cs, C B Chrystal & Co, Hansa, Hamburg
PYRETHRUM FLOWERS—20 bls, Trager Mfg Co, Camamu, Rio de Janeiro
125 bls, Trust Co of North America, Camamu, Rio de Janeiro
40 bls, Robin Goodfellow, Dar es Salaam
38 bls, McKesson & Robbins, Vulcania, Dubrovnik
PRINTER'S PASTE—2 cs, Hansa, Hamburg
PUTTY—10 dms, Gudrun Maersk, Antwerp
PYRITES—6,940 tons, Pyrites Co, Aramantis, Huelva
RED SQUILL EXTRACT—6 cs, Wedemann & Godknecht, Vulcania, Trieste
REST HARROW ROOT—1 bg, E C Diez Drug Co, Hansa, Hamburg
RIBWORT—2 bgs, E C Diez Drug Co, Hansa, Hamburg
ROOT, MEDICINAL—10 bls, Hansa, Hamburg
10 bls, Scanyork, Gdynia
72 bgs, S H Penick & Co, Vulcania, Trieste
ROSEMARY LEAVES—20 bls, E E Marks & Co, Vulcania, Trieste
ROSIN—10 bxs, Mecke & Co, Ponce, Azua
2 cs, Dodge & Olcott Co, Vulcania, Trieste
SAGE LEAVES—82 bls, E E Marks & Co, Lucia C, Dubrovnik
5 bls, Vulcania, Trieste
294 bls, E E Marks & Co, Vulcania, Dubrovnik
SANDALWOOD—1 ck, Ausonia, London
SAPONIN—5 cs, Hansa, Hamburg
SHELLAC—40 bgs, A Hurst & Co, Hansa, Hamburg
45 bgs, A Hurst & Co, Zaandam, Rotterdam
SOAP—15 cs, Titan Shipping Co, American Farmer, London
13 cs, R F Downing & Co, Ausonia, London
1,150 cs, Conti Product Co, Exeter, Leghorn
BASE—47 cs, Yardley & Co, Ausonia, London
CASTILE—12 cs, R H Macy & Co, Exeter, Haifa
SADDLE—110 cs, Salomon & Philipps, American Farmer, London
SODA, HYDROSULPHITE—100 dms, Hansa, Hamburg
29 dms, 2 cs, Westernland, Antwerp
NITRATE—1,570 kilos, Fischer Exhibits, Inc, Taila, Tocopilla
8,987 bgs, Chilean Nitrate Sales Corp, Taila, Tocopilla
1,213,100 kilos, Chilean Nitrate Sales Corp, Taila, Tocopilla
SILICOFLUORIDE—40 bbls, F H Taussig, Scanyork, Gdynia
40 bbls, Hummel Chem Co, Scanyork, Gdynia
SOLVENTS—800 dms, C P Chemical Solvents, Angelina, Ponce
SPONGES—14 bls, A S Vollman, Siboney, Havana
228 bls, American Sponge & Chamois Co, Siboney, Havana
SPONGES—28 bls, Schroeder & Tremaine, Siboney, Havana
33 bls, Chiriqui, Havana
9 bls, Oriente, Havana
METALLIC—52 bls, Continent Merchandise Co, American Farmer, Basle
REFUSE—16 bls, Oriente, Havana
SQUILL—40 bgs, Lucia C, Catania
80 bls, J L Hopkins & Co, Exeter, Marseilles
STARCH—3 cs, Burroughs, Wellcome & Co, Ascania, Southampton
POTATO—250 bgs, Stein, Hall & Co, Black Heron, Rotterdam
STAVESACRE SEED—5 bls, J L Hopkins & Co, Vulcania, Trieste
STEATITE—10 bbls, Caldwell & Co, Exeter, Leghorn
STRAMONIUM LEAVES—28 bls, J L Hopkins & Co, Hansa, Hamburg
SULPHUR—375 bgs, Santa Rita, Antofagasta
PRECIPITATED—17 cks, 9 tons, 17 cwts, 1 qtr, 7 lbs, Mallinckrodt Chem Works, Britannic, Liverpool
SUMAC—350 bgs, Lucia C, Catania
TALC—10 bgs, F Young, Hansa, Hamburg
TANKAGE—2,000 bgs, Mormacrey, Buenos Aires
1,524 bgs, Mormacrey, Santos
3,996 bgs, Van Iderstine Co, Erik Frisell, Buenos Aires
1,000 bgs, Mauer Mfg Co, Erik Frisell, Buenos Aires
1,000 bgs, Weaver & Hugi, Erik Frisell, Buenos Aires
2,000 bgs, H J Baker & Bros, Erik Frisell, Buenos Aires
1,000 bgs, Erik Frisell, Buenos Aires
500 bgs, Astri, Buenos Aires
500 bgs, Tupman, Thurlow & Co, Port Halifax, Brisbane
400 bgs, Tupman, Thurlow & Co, Port Halifax, Melbourne
TARTAR—73 bgs, Charles Pfizer & Co, Cypria, Marseilles
185 bgs, Standard Brand, Cypria, Marseilles
785 bgs, Standard Brand, Exmoor, Oran
1,607 bgs, Standard Brand, Exmoor, Algiers
229 bgs, Lucia C, Naples
178 bgs, Fernglen, Naples
300 bgs, Fernglen, Leghorn
THYME LEAVES—38 bls, Seeck & Kade, Cypria, Marseilles
UMBER—25 cks, Whittaker, Clark & Daniels, Britannic, Liverpool
BURNT POWD—30 cks, T H Dietz, Exeter, Haifa
VALONIA—1,929 bgs, Tannin Corp, Fernglen, Izmir
602 bgs, Barkey & Co, Fernglen, Izmir
CUPS—3,737 bgs, Barkey & Co, Fernglen, Izmir
MIXTURE—1,081 bgs, Fernglen, Izmir
VANADIUM—3,962 bgs, Vanadium Corp, Santa Rita, Callao
VANILLA BEANS—46 cs, Thurston & Braidich, Siboney, Vera Cruz
20 cs, Silverash, Tamatave
18 cs, Ile de France, Havre
1 cs, Lo Curto & Funk, Zaandam, Rotterdam
10 cs, Exeter, Marseilles
51 cs, Thurston & Braidich, Exeter, Marseilles
21 cs, P H Petry & Co, Exeter, Marseilles
21 cs, Guaranty Trust Co, Exeter, Marseilles
5 cs, Draeger Shipping Co, Gudrun Maersk, London
VARNISH—1 cs, Fred Henjes, Jr., Hansa, Hamburg
VIOLET HERBS—1 bg, E C Diez Drug Co, Hansa, Hamburg
VIOLET ULTRAMARINE — 2 cks, General Dyestuff Corp, Zaandam, Rotterdam
1 ck, Calco Chem Co, Zaandam, Rotterdam
WATER, MINERAL—70 cs, F H Leggett & Co, Ascania, Southampton
900 cs, E & J Burke, Cypria, Marseilles
22 cs, R H Macy & Co, Ile de France, Havre
70 cs, Ausonia, London
WATTLE BARK—2,761 bls, City of New York, Durban
1,100 bls, City of New York, Mombasa
EXTRACT—550 bls, 100 bgs, City of New York, Durban
WAX, ANIMAL—5 bgs, A Hurst & Co, Zaandam, Rotterdam
BEES—300 pkgs, Strohmeyer & Arpe Co, Cypria, Lisbon
163 blks, Cypria, Lisbon
22 bbls, Gillespie & Co, Crijnssen, Port au Prince
52 bls, Wm M Allison & Co, Exmoor, Lisbon
8 seroons, Porcella, Vicini & Co, Borinquen, Trujillo
21 bgs, Schutte & Focke, Ponce, Barahona
18 bgs, Mecke & Co, Ponce, Azua
10 bgs, Machado & Co, Ponce, Porto Plata
207 bgs, Camamu, Rio de Janeiro
15 seroons, 6 bgs, Porcella, Vicini & Co, Leif, Puerto Plata
60 blocks, Exmoor, Lisbon
MINERAL—14 bgs, General Dyestuff Corp, Zaandam, Rotterdam
30 bgs, American Farmer, London
MONTAN—375 bgs, Strohmeyer & Arpe Co, Hansa, Hamburg
OZOKERITE — 30 bgs, 1 pkg, Heemsoth-Kerner Corp, Hansa, Hamburg
50 bgs, Innis, Speiden & Co, Vulcania, Trieste
20 bgs, Strahl & Pitsch, Vulcania, Trieste
SPERMACETI—100 cs, Caledonia, Glasgow
50 cs, Orbis Product Corp, Ausonia, London
VEGETABLE—200 cs, Mitsui & Co, Arimasan, Kobe
WOODFLOUR—1,127 bgs, Burnet Co, Belle Isle, Kotka
WORMSEED LEAVES—2 bgs, E C Diez Drug Co, Hansa, Hamburg
YEAST—80 bbls, Vulkan Yeast Co, Hansa, Hamburg
PASTE—40 cs, Volkart Bros, Hansa, Hamburg
YELLOW DOCK ROOT—11 bls, J L Hopkins & Co, Vulcania, Trieste
ZINC OXIDE—20 cks, 125 bgs, Smith Chem & Color Co, Scanyork, Gdynia
100 kegs, 25 cks, Landers Segal Color Co, Scanyork, Gdynia
110 bbls, Innis, Speiden & Co, Westernland, Antwerp
17 bbls, Reichard-Coulston, Exeter, Marseilles
ZINC-AMMONIA CHLORIDE—22 cks, American Cyanamid & Chem Co, Westernland, Antwerp

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New York Transit Imports

BARK EXTRACT—5 cs, Eastman Kodak Co, Britannic, Liverpool, Rochester
FILTER PAPER—2 cs, J J Murphy & Co, American Farmer, London, Rochester
MUSTARD SEED—13 bgs, Cornell Seed Co, Zaandam, Rotterdam, St Louis
OIL, COCONUT—270 tons, Procter & Gamble Co, Silverash, Manila, Cincinnati
CODLIVER—150 dms, McKesson & Robbins, Bassano, Hull, Burlington, Iowa
OLIVE—25 dms, Cypria, Marseilles, Chicago
POTASH, CYANIDE—128 bbls, J J Murphy & Co, Westernland, Antwerp, Rochester
SODA, CHLORATE — 1 dm, Caldwell & Co, Gudrun Maersk, London, Denver
SPONGES—16 bls, Siboney, Havana, Detroit
3 bls, Oriente, Havana, Buenos Aires
28 bls, J E Bernard & Co, Oriente, Havana, Chicago
REFUSE—18 bls, J E Bernard & Co, Oriente, Havana, Chicago

Baltimore Imports

ANTIMONY, OXIDE—130 bbls, Independence Hall, Havre
BLOOD, DRIED—1,129 bgs, Argentino, Buenos Aires
BONE FLOUR—1,088 bgs, Ida, Fiume
MEAL—3,405 bgs, Exchange, Bourgas
CHEMICALS—200 bgs, 20 cks, Black Falcon, Antwerp
COPRA—500 tons, Procter & Gamble, Anubis, Bulan
1,000 tons, Procter & Gamble Co, Anubis, Zamboanga
325 tons, Procter & Gamble Co, Anubis, Cebu
FISH MEAL—1,000 bgs, Argentino, Buenos Aires
IRON ORE—21,600 tons, Bethlehem Steel Co, Chilore, Cruz Grande
10,500 tons, Bethlehem Steel Co, Cubore, Daiquiri
MANGANESE ORE—6,100 tons, Gypsum King, Santiago
2,000 tons, Trentbank, Calcutta
MEAKIN MEAL—3,000 bgs, Kongo, Kobe
OIL, FUEL—46,500 bbls, Standard Oil Co of N J, Phoebus, Aruba
OLIVE—173 cs, Ida, Palermo
150 cs, Exchange, Leghorn
PALM—1 dm, 1 bbl, Black Falcon, Rotterdam
PEATMOSS—330 bls, Black Falcon, Antwerp
POTASH, CHLORATE—56 dms, Independence Hall, Havre
SIENNA—35 bgs, Exchange, Leghorn
TANKAGE—500 bgs, Black Falcon, Antwerp
997 bgs, Argentino, Buenos Aires
2,330 bgs, Argentino, Santos

Boston Imports

AMMONIA SULPHATE—150 bgs, Bradley & Baker, Beemsterdijk, Rotterdam
BLEACHING POWDER—200 dms, Beemsterdijk, Rotterdam
BONE PHOSPHATE—258 bgs, 57,321 lbs, Wessel, Duval & Co, Black Heron, Antwerp
BRONZE POWDER—10 cs, 5,124 lbs, Wasgenwald, Hamburg
CARAWAY SEED—100 bgs, Stickney & Poor Spice Co, Beemsterdijk, Rotterdam
100 bgs, Biddle Purchasing Co, Beemsterdijk, Rotterdam
CASSIA—100 bls, Stickney & Poor Spice Co, Anna Maersk, Hongkong
CHEMICALS—130 dms, Chemical Marketing Corpn, Beemsterdijk, Rotterdam
1 cs, Capillo, London
4 cs, 608 lbs, Leonard W Cronkhite, Wasgenwald, Hamburg
25 bbls, 12,125 lbs, Philipp Bros, Black Heron, Antwerp
100 dmjhns, 15,774 lbs, Black Heron, Rotterdam
COCOA BEANS—1,000 bgs, 180,038 lbs, Daarnhouwer & Co, Anna Maersk, Hongkong
250 bgs, 45,010 lbs, Kennedy Butcher & Co, Anna Maersk, Hongkong
424 bgs, Wessels Kulenkampf & Co, Beemsterdijk, Rotterdam
723 bgs, 113,614 lbs, W & A Leaman, Black Heron, Rotterdam
CODLIVER MEAL—551 half bgs, 55,115 lbs, Wessel, Duval & Co, Black Heron, Antwerp
FISH MEAL—1,000 bgs, 100,000 lbs, Mitsubishi-Shoji-Kaisha, Kongo, Kobe
3,000 bgs, 300,000 lbs, Nagara, Seisin
4,500 bgs, 450,000 lbs, H J Baker & Bros, Nagara, Yokohama
GLASS, WINDOW—350 cs, 31,844 lbs, Capillo, Hamburg
100 cs, 11,905 lbs, Black Heron, Antwerp
500 cs, 44,092 lbs, Semon, Bache & Co, Black Heron, Antwerp
GLUESTOCK—177 bls, 44,319 lbs, E Butterworth & Co, Black Heron, Rotterdam
FISH—60 bxs, J R Poole Co, Yarmouth, Yarmouth
1 bg, International Glue Co, Tugela, Bergen
22 bgs, Rogers Isinglass & Glue Co, Yarmouth, Yarmouth
GLYCERIN, SAPONIFICATION — 21 dms, 24,815 lbs, Mormacrey, Buenos Aires
HERBS, DRIED—9 bgs, 1,883 lbs, American Express Co, Capillo, Hamburg
INK, SHOE—1 cs, 75 lbs, Capillo, London
LEVANT STONES, CRUSHED — 50 bbls, 12,844 lbs, Stone & Downer, Exeter, Marseilles
LYE, POTASH—1 bbl, 728 lbs, Capillo, Hamburg
METAL DUST—40 dms, 22,751 lbs, Industrial Sales Corpn, Black Heron, Antwerp
MOLASSES—1,118,655 gls, Commercial Molasses Co, Comol Cuba, Santiago
298,485 gls, Standard Brands, Comol Cuba, Santiago
MUSTARD SEED—150 bgs, Stickney & Poor Spice Co, Beemsterdijk, Rotterdam
200 bgs, 22,389 lbs, Wasgenwald, Hamburg
NUTMEGS—100 bgs, Arthur G. Dunn, Lady Hawkins, Grenada
50 bgs, Norden & Archibald, Lady Hawkins, Grenada
OIL, COCONUT—987 tons, Philippine Refining Corpn, Silverash, Manila
512 tons, Philippine Refining Corpn, Silverash, Cebu
CODLIVER—200 dms, United Drug Co, Tugela, Aalesund
150 dms, United Drug Co, Tugela, Bergen
200 dms, Carleton & Hovey, Tugela, Bergen
80 dms, 20 bbls, 25,706 lbs, Capillo, Hamburg
200 dms, 50,706 lbs, United Drug Co, Wasgenwald, Hamburg
OSSEIN—1,000 bgs, 111,993 lbs, J O Whitten Co, Black Heron, Antwerp
1,000 bgs, 101,764 lbs, Atlantic Gelatine Co, Black Heron, Antwerp
PARAFFIN—12 cs, 3,600 lbs, Black Heron, Antwerp
PEATMOSS—190 bls, Halfmoon Manufacturing & Trading Co, Beemsterdijk, Rotterdam
850 bls, 116,689 lbs, L E Page Co, Capillo, Bremen
100 bls, 14,268 lbs, Atkins & Durbrow, Capillo, Bremen
1,800 bls, 244,027 lbs, Peat Import Corpn, Capillo, Bremen
400 bls, 58,797 lbs, L E Page Co, Wasgenwald, Bremen
800 bls, 112,324 lbs, Wasgenwald, Bremen
QUEBRACHO EXTRACT—3,079 bgs, 178,813 lbs, Tannin Corpn, Mormacrey, Buenos Aires
SHELLAC—40 cs, J Henry Schroeder Banking Co, Beemsterdijk, Rotterdam
10 cs, 2,712 lbs, J Henry Schroeder Banking Co, Wasgenwald, Hamburg
SILICON CARBIDE—130 cks, American Abrasive Co, Tugela, Stavanger
SODA, HYDROSULPHITE—300 double bgs, 33,069 lbs, Irving M Sobin Co, Black Heron, Antwerp
SULPHIDE—92 dms, Advance Solvents & Chemical Co, Beemsterdijk, Rotterdam
STARCH, POTATO—50 bgs, Charles S Tanner Co, Beemsterdijk, Rotterdam
200 bgs, Arnold Hoffman & Co, Beemsterdijk, Rotterdam
500 bgs, Beemsterdijk, Rotterdam
STRONTIUM, NITRATE—80 csks, 47,178 lbs, Chemical Marketing Co, Capillo, Bremen

Galveston Imports

WATER, MINERAL—25 cs, Boschdijk, Antwerp

Gloucester Imports

COD, OILCAKE—1 bbl, F E Davis Fisheries, Tagati, Freeport, N S
GLUESTOCK, FISH—28,300 lbs, Rogers Isinglass & Glue Co, Dominion Halsyd, Annapolis Royal, N S
OIL, COD—5 bbls, F E Davis Fisheries, Tagati, Freeport, N S

Houston Imports

BONE MEAL—1,120 bgs, Frankenwald, Hamburg
CHEMICALS—5 dms, Tabor, Heroen
3 cs, 10 bgs, Frankenwald, Hamburg
CHILLIES—40 bgs, Kiyosumi, Kobe
OIL, CODLIVER—35 dms, Frankenwald, Hamburg
PETROLEUM, CRUDE—36,499 bbls, Litiopa, Tuxpam

Los Angeles Imports

AMMONIA, PHOSPHATE—4,900 bgs, 490,560 lbs, Kingsley, Trail
SULPHATE—3,800 bgs, 380,800 lbs, Kingsley, Trail
AGAR AGAR—110 lbs, Asama, Kobe
ANISE—10 bgs, 1,080 lbs, from Port Said
ANTIMONY ORE—85,000 lbs, from Mexico
BALSAM—600 lbs, from San Salvador
CHEMICAL COMP—900 lbs, Nagara, Yokohama
600 lbs, Arimasan, Kobe
5,990 lbs, Nagara, Yokohama
1,220 lbs, Asama, Yokohama
SALT—60 lbs, President Coolidge, Hongkong
CHILLIES—5,000 lbs, Tasmania, Kobe
CINNAMON QUILLS—100 pkgs, 10,000 lbs, Hoegh Silverstar, Java
COCONUT DESIC—250 cs, 34,000 lbs, President Coolidge, Manila
COLORS, CERAMIC—970 lbs, Salacia, Birmingham
COPRA MEAL—3,000 bgs, 300,000 lbs, President Coolidge, Manila
CUMIN SEED—300 bgs, 32,400 lbs, from Port Said
DRUGS, CRUDE—230 lbs, President Coolidge, Hongkong
GELATIN, EDIBLE—540 lbs, Lochavon, Rotterdam
GUM, COPAL—1,200 lbs, Hoegh Silverstar, Java
GYPSUM, CRUDE—7,607,040 lbs, Griffco, San Marcos
HERBS, ADVANCE—1,000 lbs, President Coolidge, Hongkong
CRUDE—690 lbs, President Coolidge, Hongkong
INK—2 lbs, Nagara, Tokyo
PRINTING—180 lbs, Tacoma, Berlin
MEDICINAL PREPS—4 lbs, Chichibu, Kobe
60 lbs, Yamabiko, Yokohama
MOSS, CRUDE—900 lbs, Gregalia, Liverpool
MUSTARD, PREPARED—10 lbs, Lochavon, London
NUTMEGS—1,420 lbs, Madoera, Banda
OIL, OLIVE—108 pkgs, 12,390 lbs, Leme, Genoa
100 cs, 6,330 lbs, Leme, Leghorn
150 dms, 66,140 lbs, Leme, Marseilles
25 dms, 10,900 lbs, Leme, Genoa
PEANUT — 225 cs, 16,200 lbs, Corneville, Hongkong
1,300 lbs, President Coolidge, Hongkong
RICE BRAN—329,280 lbs, Asama, Japan
SESAME—460 lbs, President Coolidge, Hongkong
TEASEED—336,000 lbs, President Coolidge, Hongkong
WOOD—320,000 lbs, President Coolidge, Hongkong
PAPRIKA—105 bgs, 11,500 lbs, Sanyo, Budapest
PARAFFIN — 1,200 bgs, 108,000 lbs, Hoegh Silverstar, Sourabaya
PEATMOSS—268 bls, 15,680 lbs, from Toronto
100 bls, 11,200 lbs, Canada, Kalmar
PEPPER, BLACK—75 bgs, 9,750 lbs, Hoegh Silverstar, Dutch East Indies
PERFUME—3 lbs, from Paris
POTASH, CHLORATE—100 dms, 11,200 lbs, San Jose, Paris
MURIATE — 300 bgs, 60,480 lbs, Portland, Hamburg
SULPHATE—7,450 bgs, 1,200,640 lbs, Portland, Hamburg
QUEBRACHO EXTRACT—433 bgs, 45,490 lbs, West Ira, Buenos Aires
RESIN, VINYL—1,000 lbs, from Montreal
RICE FLOUR—480 lbs, Asama, Kobe
SEAWEEDS, DRIED—30 lbs, Chichibu, Kobe
SESAME SEED — 50 bgs, 10,000 lbs, Anna Maersk, Hongkong
SHELLAC—110 bgs, 18,040 lbs, Silvermaple, Calcutta
STARCHES—110 lbs, Chichibu, Kobe
STARCH, POTATO — 2,180 bgs, Lochavon, Holland
TALLOW BEEF—150 dms, 61,420 lbs, Limerick, Auckland
TAPIOCA FLOUR—310 bgs, 63,000 lbs, Hoegh Silverstar, Batavia
330 lbs, President Coolidge, Hongkong
TOILET PREPS—30 lbs, Chichibu, Kobe
120 lbs, from London
WAX, MINERAL—1,340 lbs, Lochavon, London
ZINC, OXIDE—20 bbls, 4,410 lbs, San Jose, Antwerp

Mobile Imports

BAUXITE ORE, CRSHD & DRIED — 3,602 tons, Vildum, Paramaribo
SODA, NITRATE—2,757,320 kilos, Lerwick, Iquique

New Orleans Imports

BAUXITE ORE—318 tons, Aluminum Ore Co, Austvangen, Port of Spain
2,350 tons, Aluminum Ore Co, Austvangen, Paramaribo
BONE FLOUR—551 sx, Chemnitz, Hamburg
COCOA BEANS—200 sx, Austvangen, Port of Spain
CALCIUM CARBIDE—80 dms, Ulua, Cristobal
COCONUTS—160 sx, Barclays Bank, Gansfjord, Kingston
127 sx, Fruit Dispatch Co, Sinaloa, Swan Island
FERROMANGANESE—963,600 kilos, Vigrid, Gdynia
GLUE, MARINE—90 kgs, United Fruit Co, Volunteer, Rotterdam
ILMENITE ORE—6,850 tons, Coultarn, Colachel
LIME, HYDRATED—4,974 sx, United Fruit Co, Vigrid, Gdynia
OIL, CODLIVER—10 dms, J H Cadzow, Chemnitz, Hamburg
200 dms, Volunteer, Antwerp
25 dms, Lykes Bros S S Co, Volunteer, Rotterdam
CREOSOTE—4,500 tons, Gretafield, London
MINERAL—100 dms, Atlantic Refining Co, Volunteer, Havre

POTASH CHLORATE—500 dms, H Schroeder Banking Corp, Chemnitz, Hamburg
350 dms, Volunteer, Antwerp
SULPHATE—100 bbls, N V Potash, Chemnitz, Hamburg
PYRETHRUM FLOWERS—275 bls, Norton Lilly & Co, Austvangen, Port of Spain

Norfolk Imports

CALCIUM, NITRATE—2,032 tons, Synthetic Nitrogen Products Corp, Taiwan, Heroen
CASTOR MEAL—700 tons, H J Baker & Bros, Astra, Hull
CHINA CLAY—300 tons, Paper Makers Importing Co, Boston City, Bristol
771 tons, 4 cwt, Moore & Munger, Plainfield, N J, Montreal City, Fowey
4,436 bgs, 185 tons, 16 cwt, Moore & Munger, Plainfield, N J, Montreal City, Fowey
1,870 bgs, 130 tons, English China Clay Sales Corp, N Y, Montreal City, Fowey
781 tons, 13 cwt, English China Clay Sales Corp, N Y, Montreal City, Fowey
CLAY—548 tons, Boston City, Bristol
BLUE—240 tons, Moore & Munger, Montreal City, Fowey
FERTILIZER, NITROGENOUS—157 tons, H J Baker & Bros, Astra, Hull
LEATHER WASTE—710 bgs, 16 tons, 19 cwt, Quaker City, Liverpool
MANGANESE, ORE—8,650 tons, E J Lavino & Co, Philadelphia, Pa, Cragpool, Takoradi
3,600 tons, Queen City, Poti, Russia
POTASH, MANURE SALT—600 tons, N V Potash Export, Evertons, Bremen
MURIATE—1,762 tons, N V Potash Export, Evertons, Bremen
SULPHATE—967 tons, N V Potash Export, Evertons, Bremen
POTASH MAGNESIA, SULPHATE—60 csks, 14 tons, Liberty, Hamburg
SODA, NITRATE—60 csks, 14 tons, Liberty, Hamburg
TAPIOCA FLOUR—750 bgs, Glaucus, Batavia
1,250 bgs, Bank of N Y, Glaucus, Batavia
250 bgs, Guaranty Trust Co, N Y, Glaucus, Batavia

Philadelphia Imports

ACID, SOYBEAN OIL—80 dms, Zaandam, Rotterdam
ASBESTOS, AMOSITE—600 bgs, Ehret Magnesia Mdg Co, City of New York, Capetown
CRUDE—2,668 bgs, Allen Wach & Shepherd, Ltd, City of New York, Beira
2,134 bgs, City of New York, Beira
BONE MEAL—1,135 bgs, Exchange, Bourgas
CALCIUM SILICIDE—119 bbls, Philadelphia National Bank, Independence Hall, Havre
CASSIA—635 bls, Tabinta, Sourabaya
CHEMICALS—1,334 bgs, 80 cks, Advance Solvents & Chemical Co, Zaandam, Rotterdam
40 bbls, 140 dms, 1 cs, Zaandam, Rotterdam
CHINA CLAY—101 bgs, United Clay Mines Corp, Zaandam, Rotterdam
CHROME ORE—1,000 tons, Bank of Athens, Exchange, Aghia Marina
COCOA BEANS—2,000 bgs, Banque Canadienne National, New Brunswick, Accra
3,775 bgs, New Brunswick, Accra
750 bgs, Superintendence Co, New Brunswick, Winnebah
750 bgs, Superintendence Co, New Brunswick, Saltpond
3,500 bgs, Basil, Bahia
2,770 bgs, Balfour, Guthrie & Co, Zaandam, Rotterdam
1,508 bgs, W & A Leaman, Zaandam, Rotterdam
COLORS, EARTH—10 cks, Zaandam, Rotterdam
FERROMANGANESE—132,765 kilos, Wm H Mueller & Co, Zaandam, Rotterdam
FISHLIVERS, FROZEN—101 tins, Asano Bussan Co, Nagara, Yokohama
GLYCERIN — 36 dms, East Indian, Buenos Aires
GRAPHITE—500 bgs, New York Trust Co, Trentbank, Colombo
GUM, COPAL—222 bkts, Siantar, Macassar
161 bkts, Philadelphia National Bank, Siantar, Macassar
180 bkts, Mfgrs Trust Co, Tabinta, Macassar
DAMMAR — 100 cs, Chase National Bank, Siantar, Batavia
100 cs, Tabinta, Batavia
HEMPSEED—330 bgs, Nagara, Dairen
KYANOTE—40 tons, Trentbank, Calcutta
LICORICE ROOT—5,342 bls, 457 bgs, MacAndrews & Forbes Co, Ekiria, Taranto
MACE—67 cs, Siantar, Macassar
14 cs, J T Frank Co, Tabinta, Macassar
MAGNESITE CLINKERS—7,000 bgs, Nagara, Dairen
MANGANESE SULPHATE—60 cks, Zaandam, Rotterdam
MEAKIN MEAL—2,000 bgs, Nagara, Seisen
MINERALS—3 cs, samples, Foote Mineral Co, Tunaholm, Gothenburg
MOLASSES — 1,042,262 gls, North American Trading & Import Co, Marathon, Manzanillo
951,581 gls, North American Trading & Import Co, Marathon, Cienfuegos
1,843,000 gls, Standard Brands, Inc, Athelfoam, Georgetown
1,242,760 gls, North American Trading & Import Co, Jenny, Antilla
MYROBALANS—2,000 pkts, Guaranty Trust Co, Malancha, Calcutta
NAPHTHALENE—1,250 bgs, Zaandam, Rotterdam
NUTMEGS—182 bgs, Siantar, Macassar
OIL, CORN, CRUDE—113,226 kilos, Zaandam, Rotterdam
OLIVE—360 cs, Exchange, Leghorn
PALM—94 dms, 25 casks, Balfour, Guthrie & Co, Ltd, New Brunswick, Abonema
SHEANUT, REF—251 bbls, Zaandam, Rotterdam
PEATMOSS—900 bls, Marine Midland Trust Co, Zaandam, Rotterdam
1,360 bls, Zaandam, Rotterdam
PEPPER, WHITE—894 bgs, Siantar, Kota Baroe via Macassar
688 bgs, Siantar, Tandjong Priok
PETROLEUM CRUDE—86,890 bbls, Gulf Oil Corp, Eli Knudsen, Las Piedras
90,523 bbls, Atlantic Refining Co, Brunswick, Las Piedras
POPPYSEED—50 bgs, Zaandam, Rotterdam
POTASH PERCHLORATE—200 cs, Robinson Wagner & Co, Tunaholm, Gothenburg
RAPESEED—312 bgs, Corn Exchange National Bank & Trust Co, Nagara, Otaru
SHELLAC—100 bgs, Trentbank, Calcutta
400 bgs, Bank of Manhattan, Malancha, Calcutta
600 bgs, Bank of London & South America, Malancha, Calcutta
SOAP, COMMON—34 dms, Ciba Co, Zaandam, Rotterdam
TANKAGE—1,200 bgs, East Indian, Buenos Aires
TANNING EXTRACT—1,832 bls, Tannin Corp, City of New York, Durban
TAPIOCA FLAKE DUST—67 bgs, National City Bank, Siantar, Sourabaya
FLOUR—750 bgs, Philadelphia National Bank, Siantar, Cheribon
496 bgs, Siantar, Cheribon
1,000 bgs, Guaranty Trust Co, Tabinta, Cheribon
7,464 bgs, National City Bank, City of Athens, Sourabaya
750 bgs, Philadelphia National Bank, City of Athens, Batavia
2,352 bgs, Bank of New York & Trust Co, City of Athens, Batavia
250 bgs, Chase National Bank, City of Athens, Batavia
SEED—60 bgs, City of Athens, Sourabaya
TIMBO POWD—315 cs, Basil, Para
WAX, CARNAUBA—163 bgs, Basil, Parnaiba
75 bgs, Philadelphia National Bank, Basil, Parnaiba
124 bgs, Philadelphia National Bank, Basil, Ceara
57 bgs, Basil, Camocin
WATTLE BARK—1,110 bgs, City of New York, Durban

Portland, Ore., Imports

BONEMEAL—1,120 sks, San Diego, Antwerp
COCONUT, DESIC—5,726 cs, Durkee Famous Foods, Silvermaple, Manila
MOLASSES—600 tons, Mauna Ala, Mahukona
PEANUTS, SHELLED—250 sks, M S Cowen Co, Silvermaple, Manila
TAPIOCA FLOUR—250 sks, Bank of New York, Madoera, Batavia
300 sks, Bank of New York, Madoera, Cheribon

San Francisco Imports

BONES, GRAN—Quantity, Yamazuki, Buenos Aires
CALCIUM TARTRATE—256 bgs, Loch Avon, Rotterdam
CHARCOAL—1 cs, Braun-Knecht-Heimann Co, Tacoma, Hamburg
CHEMICALS—12 csks, Tacoma, Hamburg
40 csks, Ernst W C Toepfer, Tacoma, Hamburg
34 bbls, Bradley & Ekstrom, Portland, Hamburg
23 csks, Ore & Chemical Corp, Portland, Antwerp
20 dms, S L Abbott, Jr, Co, Portland, Antwerp
CINNAMON QUILLS—75 bls, Willits & Co, Silvermaple, Colombo
COCOA BEANS—400 sks, Vandel Commercial Co, Portland, Cristobal
COCONUT, DESIC—520 cs, Arimasan, Manila
COPRA—667 sks, Mariposa, Pago Pago
MEAL—500 sks, Snow Brokerage Co, Madoera, Manila
CUTTLE FISH BONE—1 cs, S Ishimitsu Co, Arimasan, Kobe
EPSOM SALT—10 cs, American Factors, Loch Avon, London
FILTER COMP—25 bls, Portland, Hamburg
GINGER ROOT—5 cs, Matsonia, Honolulu
GINSENG EXTRACT—5 cs, F S Sakamaki Co, Asama, Kobe
GLASS, SHEET—210 cs, San Diego, Antwerp
237 cs, San Diego, Antwerp (for Oakland)
372 cs, H B Mills Co, Portland, Antwerp
WINDOW—159 cs, San Diego, Antwerp
383 cs, San Diego, Antwerp (for Oakland)
507 cs, Smith Glass Co, Tacoma, Antwerp
105 cs, Mitsubishi Shoji Kaisha, Asama, Kobe
3 cs, R K Davidson, Portland, Hamburg
5 cs, Laugel Glass Co, Portland, Antwerp (for Oakland)
109 cs, Smith Glass Co, Portland, Antwerp
GLUE, GELATIN, POWD—5 bbls, 5 dms, Loch Avon, Rotterdam
GUM, COPAL—59 bskts, D Hecht & Co, Madoera, Macassar
235 bskts, 11 cs, Madoera, Macassar
110 bskts, Henry W Peabody & Co, Madoera, Macassar
22 sks, Bank of California, N A, Madoera, Singapore
KAURI—10 cs, Mariposa, Auckland
122 sks, H M Newhall & Co, Mariposa, Suva
202 sks, Mariposa, Suva
HOPS—95 bls, Tacoma, Hamburg
3 bls, Joh Barth & Sohn, Portland, Bremen
INK, PRINTING—5 pls, T Onoyama, Arimasan, Kobe
IRON OXIDE—80 kgs, Loch Avon, Swansea
ISINGLASS—9 pkgs, S Ishimitsu Co, Arimasan, Kobe
6 bls, Pacific Trading Co, Asama, Kobe
KAVA KAVA—48 sks, Maunawili, Hilo
MEDICINAL PREPS—2 cs, North American Mercantile Co, Arimasan, Yokohama
MOLASSES—8,000,000 lbs, Makaweli, Honolulu
1,000 tons, Maunawili, Port Allen
MUSTARD SEED—300 sks, D Ghirardelli Co, Loch Avon, London
OIL, COCONUT—495 tons, Philippine Refining Corpn of New York, Silvermaple, Manila
CODLIVER—25 dms, Tigre, Oslo
25 dms, Spratts Patent, Portland, Antwerp
EUCALYPTUS—3 dms, P J Frawley Co, Mariposa, Melbourne
MUSTARD SEED, REFD — 25 dms, S L Jones & Co, Asama, Kobe
SESAME—172,000 kilos, Loch Avon, Rotterdam
SHARK—9 dms, Roma & Co, Portland, Mazatlan
PAPRIKA—50 sks, A Schilling & Co, Portland, Bremen
50 sks, S H Tyler & Son, Portland, Bremen
PEPPER, BLACK—1,700 sks, Madoera, Oosthaven
PILI NUTS, SHELLED—50 cs, S A Winther & Co, Silvermaple, Manila
POLISH, BOOT—125 cs, American Import Co, Loch Avon, London
LIQUID—1 cs, D B Chandler, Modavia, Liverpool
POTASH SULPHATE — 600 sks, Wilson & George Meyer & Co, Portland, Hamburg
6,950 sks, Wilson & George Meyer & Co, Portland, Hamburg (for Oakland)
TALLOW—400 dms, Willits & Co, Rosebank, Vancouver
11 dms, Maunawili, Kahului
TAPIOCA FLOUR—1,409 sks, Bank of New York, Madoera, Batavia
55 sks, Madoera, Batavia
355 sks, Bank of New York, Madoera, Cheribon
55 sks, American Trust Co, Madoera, Sourabaya
TOILET PREPS—2 cs, Arimasan, Yokohama
1 cs, S Ishimitsu Co, Arimasan, Kobe

Savannah Imports

GYPSUM ROCK—2,453 tons, O A Brodin, Dingwell, N S
2,150 tons, Sekstant, Dingwell, N S
LEATHER MEAL—1,000 bgs, Sundance, Hamburg
SAGO FLOUR—2,188 bgs, Silverpine, Singapore
SALTCAKE—Quantity, Sundance, Hamburg
SODA SILICOFLUORIDE—40 bbls, Sundance, Hamburg

Seattle Imports

BONE FLOUR—1,103 sks, San Diego, Antwerp
MACE—16 cs, Madoera, Padang
MOLASSES—600 tons, Mauna Ala, Mahukona
NUTMEGS—16 cs, B C Ireland, Madoera, Macassar
PEANUTS—250 sks, Balfour, Guthrie & Co, Madoera, Manila
300 sks, Getz Bros & Co, Madoera, Manila
TAPIOCA FLOUR—100 sks, Bank of New York, Madoera, Batavia

Tacoma Imports

SODA NITRATE—286 sks, Chilean Nitrate Sales Corpn, Cusco, Tocopilla
TAPIOCA FLOUR—461 sks, Bank of New York, Madoera, Batavia

Tampa Imports

BONE MEAL—507,596 kilos, Vigrid, Gdynia

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwistar, December 30; Alaunia, December 29; Ancon, December 13; Aquitania, January 4; Blankaholm, January 6; Boston City, January 6; British Prince, December 13; Buenaventura, January 4; Cameronia, January 8; City of Bedford, December 17; City of Manila, December 31; City of Mobile, December 29; Consuelo, January 6; Conte di Savoia, January 6; Excello, January 5; Emile Francqui, December 20; Europa, January 3; Exermont, December 22; Gerolstein, January 3; Guayaquil, December 20; Henri Jaspar, December 30; Idefjord, December 22; Ingrid, January 6; Kalo, January 3; Kiyosumi, December 28; Kyusyu, December 30; Leif, January 5; Marna, December 30; Mormacrio, January 5; Naruto, December 30; P. N. Damm, December 23; Pennland, January 6; Porto Rico, December 30; Quaker City, January 6; Samaria, December 30; San Jacinto, December 10; Santa Barbara, December 23; Santa Elena, December 22; Santa Rosa, December 29; Scania, December 30; Siboney, December 30; Southern Prince, December 24; Tureby, December 30; West Isleta, December 30; Westernland, December 23

ACETONE—130,725 lbs, Blankaholm, Stockholm
ACID, ACETIC—1,043 lbs, Porto Rico, San Juan
MURIATIC—36,315 lbs, Santa Barbara, Antofagasta
OXALIC—649 lbs, Marna, Pisco
SULPHURIC—28,175 lbs, Guayaquil, Cristobal
ALCOHOL, BUTYL—(City of Manila) 660 gls, Melbourne; 495 gls, Sydney
AMMONIA, ANHYDR—27,120 lbs, Agwistar, Tampico
ASPHALT—39,572 lbs, Europa, Hamburg; 9,702 lbs, San Jacinto, Ponce; 13,804 lbs, West Isleta, Durban; 18,189 lbs, Marna, Buenaventura; (City of Manila) 18,140 lbs, Melbourne; 18,115 lbs, Fremantle
BENZOL—2,750 gls, Mormacrio, Santos
BLEACHING POWDER—73,504 lbs, Mormacrio, Santos
BLUE, ULTRAMARINE — 11,875 lbs, Marna, Talcahuano; 4,520 lbs, Ancon, Amapala; 1,293 lbs, Leif, San Pedro
BUTYL ACETATE—(City of Manila) 4,880 lbs, Melbourne; 8,810 lbs, Sydney
CALCIUM ARSENATE — (Marna) 22,347 lbs, Guayaquil; 7,821 lbs, Supe; 11,941 lbs, Pisco
CARBIDE—21,300 lbs, Buenaventura, Amapala
CHLORIDE SOLUT—5,050 lbs, Siboney, Vera Cruz
CARBON DIOXIDE—1,620 lbs, West Isleta, Port Elizabeth
CHLORINE—2,144 lbs, Buenaventura, Buenaventura
LIQUID — 17,472 lbs, Marna, Valparaiso; 13,472 lbs, Guayaquil, Porto Colombia; 6,725 lbs, Buenaventura
CLEANER—(Porto Rico) 10,608 lbs, San Juan; 10,608 lbs, Ponce
COALTAR, INTERMEDIATES — 40,720 lbs, Siboney, Vera Cruz
COLOR, DRY—15,115 lbs, City of Manila, Port Kembla
CORN FLOUR—28,200 lbs, Boston City, Cardiff; 7,983 lbs, Marna, Guayaquil; 998 lbs, Guayaquil, Port au Prince
SUGAR—(Quaker City) 10,150 lbs, Manchester; 5,075 lbs, Liverpool
SYRUP — 304 lbs, City of Bedford, Cebu; 2,356 lbs, Buenaventura, Callao; 33,750 lbs, Santa Elena, Porto Colombia
CYANIDE, CRUDE — 22,000 lbs, Guayaquil, San Juan del Sur
DEXTRIN — 7,050 lbs, Siboney, Vera Cruz; 1,007 lbs, Marna, Valparaiso
DICHLORODIFLUOROMETHANE—47,080 lbs, Tureby, Rio de Janeiro
DRUGS—9,303 lbs, Conte di Savoia, Genoa
DYES—(Henri Jasper) 1,548 lbs, Reichenberg; 1,749 lbs, Antwerp; 32,813 lbs, Mormacrio, Brussels; 8,393 lbs, Emile Francqui, Antwerp; 17,561 lbs, P N Damm, Murmansk
DYEWOOD EXTRACT—3,041 lbs, Gerolstein, Antwerp
ETHYL ACETATE—1,337 lbs, Tureby, Rio de Janeiro
CHLORIDE—6,060 lbs, Guayaquil, Callao
FLUID—825 gls, City of Mobile, Karachi
GASOLINE—5,500 gls, City of Manila
AVIATION—550,000 gls, Kyusyu, Tokuyama; 550,000 gls, Naruto, Yokohama
GLUCOSE, SOLID—21,150 lbs, British Prince, East London
GREASE, LUBRIC—8,890 lbs, Henri Jasper, Antwerp; 36,308 lbs, Alaunia, London; 5,833 lbs, Samaria, Liverpool; 13,597 lbs, Pennland, Antwerp; 23,405 lbs, Quaker City, Manchester; (City of Mobile) [illegible] lbs, Bombay; 4,620 lbs, Madras; 24,118 lbs, Calcutta; 104,962 lbs, Kyusyu, Yokohama; (Naruto) 30,122 lbs, Yokohama; 87,108 lbs, Osaka; 7,600 lbs, Takao; 58,716 lbs, Tientsin; 80,301 lbs, Dairen; (Boston City) 2,523 lbs, Bristol; 472 lbs, Cardiff; 10,115 lbs, Consuelo, Newcastle; 336 lbs, Cameronia, Glasgow; (City of Bedford) 61,372 lbs, Manila; 26,490 lbs, Shanghai; (West Selene) 1,440 lbs, Johannesburg; 19,278 lbs, Lourenco Marques; 5,022 lbs, Mombasa; 49,178 lbs, Westernland, Antwerp; (Gerolstein) 2,302 lbs, Rotterdam; 2,304 lbs, Amsterdam; 26,286 lbs, Santa Barbara, Pisco; (British Prince) 2,480 lbs, East London; 7,110 lbs, Lourenco Marques; (City of Manila) 62,606 lbs, Sydney; 10,185 lbs, Melbourne; 4,550 lbs, Fremantle
HYDROGEN, PEROXIDE—(Marna) 8,272 lbs, Callao; 2,695 lbs, Arica
INK, PRINTING — 34,543 lbs, Mormacrio, Buenos Aires
ISOBUTYL ACETATE—24,453 lbs, Tureby, Rio Janeiro
KEROSENE—5,000 gls, Santa Rosa, Cape Haitien
LACQUER—(West Isleta) 2,998 lbs, Capetown; 1,340 lbs, East London
COLORED—7,235 lbs, West Isleta, East London
LARD—24,390 lbs, Henri Jasper, Antwerp; 218,125 lbs, Alaunia, London; 84,700 lbs, Samaria, Liverpool; 24,349 lbs, Pennland, Southampton; (Quaker City) 151,068 lbs, Manchester; 11,306 lbs, Liverpool; 11,272 lbs, Belfast; (Boston City) 172,750 lbs, Bristol; 165,750 lbs, Cardiff; (Blankaholm) 7,750 lbs, Gothenburg; 19,009 lbs, Stockholm; (Consuelo) 9,400 lbs, Hull;
LARD (Continued):—
175,500 lbs, Newcastle; 9,480 lbs, Aberdeen; 40,268 lbs, Cameronia, Glasgow; (San Jacinto) 7,900 lbs, Jobos; 10,000 lbs, San Juan; 6,200 lbs, Emile Francqui, Antwerp; (Porto Rico) 6,500 lbs, San Juan; 4,000 lbs, Arecibo; 46,200 lbs, Kalo, Manzanillo; (Santa Rosa) 20,000 lbs, Porto Colombia; 28,000 lbs, La Guaira; 89,460 lbs, Westernland, Southampton; 12,000 lbs, Santa Elena, Cartagena
LEAD, RED—26,145 lbs, Mormacrio, Buenos Aires
WHITE—6,012 lbs, City of Bedford, Manila; 1,249 lbs, Ingrid, St Croix
LINSEED CAKE—6,530,370 lbs, Henri Jaspar, Antwerp; 453,694 lbs, Pennland, Antwerp; 4,607,725 lbs, Emile Francqui, Antwerp; (Gerolstein) 449,369 lbs, Rotterdam; 453,781 lbs, Antwerp
LITHIUM CHLORIDE—2,880 lbs, Kyusyu, Yokohama
NAPHTHA—5,500 gls, City of Manila, Sydney
NITROCELLULOSE — 4,254 lbs, Mormacrio, Santos
OIL, AVIATION—137,500 gls, Kyusyu, Yokohama
CASTOR—4,622 lbs, Henri Jaspar, Brussels; 500 lbs, San Jacinto, Mayaguez
COOKING—3,251 lbs, Borinquen, San Juan
CORN—23,162 lbs, San Jacinto, San Juan; (West Isleta) 4,079 lbs, Capetown; 840 lbs, Port Elizabeth; 2,928 lbs, Durban; 14,102 lbs, Lourenco Marques; (Santa Rosa) 2,280 lbs, Curacao; 600 lbs, Aruba; (British Prince) 2,250 lbs, Capetown; 660 lbs, Port Elizabeth; 1,410 lbs, Lourenco Marques
FLOTATION—1,650 gls, Marna, San Antonio
LUBRICATING — (Henri Jasper) 1,302 gls, Antwerp; 10,460 gls, Switzerland; 9,045 gls, Alaunia, London; (Samaria) 2,200 gls, Calcutta; 31,225 gls, Liverpool; (Mormacrio) 988 gls, Rio de Janeiro; 946 gls, Aracaju; 275 gls, Pennland, Basle; 3,360 gls, Tureby, Rio de Janeiro; 20,082 gls, Quaker City, Manchester; (City of Mobile) 550 gls, Karachi; 4,070 gls, Cochin; 13,475 gls, Bombay; 1,100 gls, Baghdad; 840 gls, Madras; 25,575 gls, Calcutta; (Naruto) 18,975 gls, Yokohama; 6,600 gls, Takao; 2,750 gls, Moji; 64,900 gls, Dairen; 15,790 gls, Kobe; (Idefjord) 4,360 gls, Trondhjem; 5,940 gls, Bergen; 7,542 gls, Oslo; (Conte di Savoia) 11,825 gls, Naples; 17,970 gls, Genoa; (Boston City) 1,260 gls, Bristol; 8,820 gls, Cardiff; 2,695 gls, Blankaholm, Stockholm; (Consuelo) 5,500 gls, Newcastle; 2,750 gls, Aberdeen; 11,150 gls, Europa, Hamburg; 6,762 gls, Cameronia, Glasgow; 15,710 gls, City of Bedford, Manila; (San Jacinto) 2,155 gls, San Pedro de Macoris; 5,950 gls, Ponce; 12,485 gls, Mayaguez; (West Isleta) 935 gls, East London; 4,230 gls, Durban; 2,750 gls, Lourenco Marques; 200 gls, Beira; 1,100 gls, Tanga; 6,985 gls, Dar es Salaam; 4,505 gls, Mombasa; (Excello) 1,375 gls, Tunis; 777 tons, Alexandria; 4,200 gls, Emile Francqui, Antwerp; (Marna) 1,925 gls, Callao; 1,100 gls, Pisco; 1,045 gls, Mollendo; 1,650 gls, Valparaiso; 1,650 gls, Coquimbo; 10,385 gls, San Antonio; 2,365 gls, Santa Rosa, Cartagena; (Westernland) 12,325 gls, Antwerp; 330 gls, Basle; (Gerolstein) 472 gls, Rotterdam; 3,815 gls, Amsterdam; 4,675 gls, Antwerp; 14,960 gls, Guayaquil, Cristobal; (Santa Barbara) 2,475 gls, Antofagasta; 2,750 gls, Pisco; 2,530 gls, Buenaventura; 1,980 gls, Valparaiso; 2,520 gls, Ancon, Amapala; 10,150 gls, Agwistar, Tampico; 7,835 gls, British Prince, Lourenco Marques; (Exermont) 13,090 gls, Tunis; 770 gls, Constanza; 80 gls, Bucharest; 2,230 gls, Ingrid, Port Spain; (Santa Elena) 1,575 gls, Maracaibo; 3,800 gls, Porto Cabello; 4,345 gls, Porto Colombia; (City of Manila) 4,657 gls, Brisbane; 23,100 gls, Sydney; 1,650 gls, Melbourne; 29,150 gls, Fremantle; 5,390 gls, Adelaide; 1,650 gls, Southern Prince, Montevideo
OLEO—2,380 lbs, Pennland, Antwerp; 7,121 lbs, Idefjord, Bergen; (Blankaholm) 23,979 lbs, Gothenburg; 24,146 lbs, Stockholm; 74,337 lbs, Cameronia, Glasgow
PEPPERMINT—320 lbs, Cameronia, Glasgow
PINE—2,372 lbs, Idefjord, Trondhjem; 470 lbs, San Jacinto, Mayaguez
RAYON—33,216 lbs, Conte Savoia, Genoa
TAR—2,200 lbs, Samaria, Liverpool
TRANSFORMER—(Idefjord) 1,650 gls, Bergen; 2,750 gls, Oslo
PAINT—2,915 lbs, Mormacrio, Rio Janeiro; 44,908 lbs, Pennland, Antwerp; 4,550 lbs, Tureby, Rio de Janeiro; (San Jacinto) 10,745 lbs, Ponce; 6,190 lbs, Jobos; (Porto Rico) 1,579 lbs, San Juan; 1,262 lbs, Ponce; 10,881 lbs, Westernland, Antwerp
PREPARED—4,591 lbs, Borinquen, San Juan
PYROXYLIN — 26,340 lbs, Tureby, Rio de Janeiro
THINNER—3,850 gls, Tureby, Rio de Janeiro
PARAFFIN—33,852 lbs, Samaria, Liverpool; 10,210 lbs, City of Mobile, Bombay; 5,662 lbs, Idefjord, Oslo; 166,275 lbs, Consuelo, Hull; 11,178 lbs, Cameronia, Glasgow; 33,652 lbs, City of Bedford, Shanghai; 333,115 lbs, Siboney, Vera Cruz; 111,106 lbs, Kalo, Cienfuegos; 33,914 lbs, Santa Rosa, Porto Colombia; 679,911 lbs, Westernland, Antwerp; (Gerolstein) 11,122 lbs, Rotterdam; 368,807 lbs, Antwerp; 20,201 lbs, Guayaquil, Amapala; 22,826 lbs, Santa Barbara, Arica; 262,386 lbs, Agwistar, Tampico; (British Prince) 33,915 lbs, Port Elizabeth; 11,316 lbs, Durban; 17,718 lbs, Exermont, Tunis; (Buenaventura) 22,244 lbs, Amapala; 44,480 lbs, La Libertad; 10,101 lbs, Ingrid, Port Spain
SCALE—60,441 lbs, Samaria, Liverpool; 12,191 lbs, Gerolstein, Rotterdam
PENTACETATE — 6,446 lbs, Tureby, Rio Janeiro
PETROLATUM, MED—(West Isleta) 3,086 lbs, Durban; 2,500 lbs, Lourenco Marques
PETROLEUM, REFD—(San Jacinto) 11,000 gls, San Pedro; 5,750 gls, Barahona; 5,000 gls, Porto Plata; 22,500 gls, San Juan; 5,000 gls, Ponce
POTASH BICHROMATE—6,060 lbs, City of Mobile, Alexandria; 4,413 lbs, Marna, Arica
BROMATE—1,072 lbs, Quaker City, Manchester
RESIN, SYNTH—516 lbs, Cameronia, Glasgow
SOAP—(San Jacinto) 17,200 lbs, Ponce; 11,200 lbs, Mayaguez
LAUNDRY—6,525 lbs, San Jacinto, Mayaguez
POWDER—3,450 lbs, Kalo, Cienfuegos

SODA, ASH—2,360 lbs, Henri Jasper, Brussels; 6,012 lbs, City of Mobile, Bombay; (West Isleta) 7,325 lbs, Capetown; 10,650 lbs, Durban; 88,880 lbs, Kalo, Cienfuegos; (Marna) 11,195 lbs, Guayaquil; 4,450 lbs, Arica; (City of Manila) 63,780 lbs, Brisbane; 52,785 lbs, Sydney; 16,475 lbs, Melbourne
BICARBONATE—10,078 lbs, Marna, Buenaventura; (Santa Rosa) 10,875 lbs, Cartagena; 6,012 lbs, Cartagena; 5,950 lbs, Ancon, Amapala; 30,420 lbs, Agwistar, Tampico
BICHROMATE—51,760 lbs, West Isleta, Arica
BROMIDE—114,048 lbs, P N Damm, Murmansk
CARBONATE—22,154 lbs, Marna, Buenaventura
CAUSTIC—13,500 lbs, Mormacrio, Santos; 57,150 lbs, City of Mobile, Madras; (West Isleta) 14,910 lbs, Capetown; 10,868 lbs, Port Elizabeth; 5,523 lbs, Durban; 277,510 lbs, Siboney, Vera Cruz; 47,432 lbs, Kalo, Cienfuegos; (Marna) 35,824 lbs, Buenaventura; 22,928 lbs, Guayaquil; 13,600 lbs, Santa Barbara, Callao; 132,584 lbs, Agwistar, Tampico; (City of Manila) 8,250 lbs, Brisbane; 180,400 lbs, Sydney; 11,962 lbs, Melbourne
CAUSTIC, FLAKE—6,474 lbs, Marna, Buenaventura
CHLORAMINE—(West Isleta) 2,124 lbs, Capetown; 1,173 lbs, Durban
CYANIDE—15,625 lbs, Ancon, Amapala
PYROPHOSPHATE—2,465 lbs, Emile Francqui, Antwerp
SOLVENTS—12,572 lbs, Mormacrio, Santos
STARCH—3,102 lbs, City of Mobile, Mombasa
CORN—22,006 lbs, Alaunia, London; 50,760 lbs, City of Mobile, Bombay; (Kalo) 2,200 lbs, Cienfuegos; 8,800 lbs, Manzanillo
TALLOW—47,040 lbs, Conte di Savoia, Naples
TANNING EXTRACT—27,230 lbs, City of Manila, Melbourne
TIN CHLORIDE—708 lbs, West Isleta, East London
TOLUOL—2,750 gls, Mormacrio, Santos; (Naruto); 15,510 gls, Yokohama; 7,920 gls, Osaka
TURPENTINE—2,500 gls, Mormacrio, Buenos Aires; 2,500 gls, Tureby, Rio de Janeiro; (British Prince) 1,550 gls, Capetown; 250 gls, East London; 5,000 gls, Durban
UREA—61,518 lbs, Tureby, Rio de Janeiro
VARNISH, THINNER—82,000 lbs, West Isleta, Durban; (British Prince) 11,000 lbs, Capetown; 150,000 lbs, Durban; 9,000 lbs, Lourenco Marques
WATERPROOFING COMP—14,225 lbs, Samaria, Liverpool
ZINC DUST—2,225 lbs, Guayaquil, San Juan del Sur
OXIDE—2,144 lbs, Alaunia, London

Baltimore Exports
Clearance Dates

Browning, January 6; City of Flint, January 4; Fairfield City, January 4; Ingertre, January 8; Imperial, January 10; Malabar, January 9; Manchester Exporter, January 4; Nordvest, January 10; Robin Adair, January 8; San Anselmo, January 9; Vingaren, January 7

ASPHALT—5,806 lbs, Browning, Buenos Aires; 1,500 lbs, Fairfield City, Manila
CEMENT, HIGH-TEMP—800 lbs, Imperial, Antofagasta
CHALK, POWD—(Vingaren) 50,000 lbs, Trollhattan; 30,000 lbs, Oslo
GREASE, LUBRIC—120 lbs, Browning, Rio Janeiro; 19,458 lbs, City of Flint, London; (San Anselmo) 8,625 lbs, Chile; 485 lbs, Panama; 1,180 lbs, Nordvest, Tientsin
OIL, FLOTATION—35,024 lbs, Imperial, San Antonio
LUBRICATING—1,633 gls, Browning, Rio Janeiro; 122 bbls, Manchester Exporter, Manchester; 7,716 gls, Nordvest, Tientsin
PAINT—26 gls, Vingaren, Skara
PUTTY—(Robin Adair) 276 lbs, Johannesburg; 61 lbs, Capetown
RUTILE—4,480 lbs, Manchester Exporter, Liverpool; 4,400 lbs, City of Flint, Hamburg
SILICON CARBIDE CEMENT—2,506 lbs, Robin Adair, Mombassa
SOAP POWDER—450 lbs, Ingertre, Curacao
SODA BICHROMATE—11,200 lbs, Vingaren, Abo
SOLDERING DROSS—21,665 lbs, Malabar, Avonmouth
WAX, FLOOR—120 lbs, Fairfield City, Manila

Beaumont Exports
Clearance Dates

Clio, January 6; Dean Emery, January 11; Tahchee, January 5

PETROLEUM, CRUDE—70,287 bbls, Tahchee, Havre; 84,436 bbls, Clio, Naples; 78,832 bbls, Dean Emery, Havana

Boston Exports
Clearance Dates

American Importer, January 9; Black Gull, January 12; Lady Somers, January 7; Mormacrey, January 14; Yarmouth, January 11

BLACK, MINERAL—4 bxs, 200 lbs, Yarmouth, Moncton, N B
BRISTLES—10 cs, 1,082 lbs, Yarmouth, St John, N B
DRESSING, LEATHER — 16 pls, 1,200 lbs, Black Gull, Wiltz, Luxembourg
EMERY—51 kgs, 18,568 lbs, American Importer, Manchester
INK, PRINTING—22,399 lbs, American Importer, Calcutta
LACQUER—7 dms, 2 bbls, 408 gls, Black Gull, Wiltz, Luxembourg
LINING, COMP—4 dms, 212 gls, Black Gull, Antwerp; 4 cns, 20 gls, American Importer, Leicester
OIL, LUBRIC—1 cs, 35 gls, American Importer, Liverpool; 4 dms, Yarmouth, St John, N B
PASTE, FLOUR—10 bbls, 2,850 lbs, American Importer, Leicester
POLISH, STOVE—45 cs, 1,636 lbs, Yarmouth, St John, N B
STAIN, SHINGLE—1 bbl, 55 gls, Lady Somers, Nassau
WAX, SHOE—1 cs, 18 lbs, Mormacrey, Montevideo

Galveston Exports
Clearance Dates

Boschdijk, January 9; Bramora, January 4; Floride, January 7; Granada, January 5; Heddernheim, January 6; Maddalena Odero, January 9; Stella Lykes, January 9; Tillie Lykes, January 5; Tysa, January 6; Woensdrecht, January 7

BLACK, CARBON — 50 bgs, Heddernheim, Hamburg; 250 bgs, Floride, Havre; 75 cs, Boschdijk, London
GASOLINE — 800 tons, Bramora, London; (Woensdrecht) 300 tons, Fidalan; 700 tons, Algiers; 1,550 tons, St Louis du Rhone
MOLYBDENITE, CONC—850 bbls, Maddalena Odero, Marseilles
OIL, GAS—9,300 tons, Tysa, Amsterdam
OXYGEN—10 cyls, Granada, Alvaro Obregon
POTASH—30 tons, Tillie Lykes, San Juan; 500 tons, Stella Lykes, San Juan

Houston Exports
Clearance Dates

Boschdijk, January 7; Dordrecht, January 10; Fenris, January 6; Gylfe, January 7; Hoegh Giant, January 5; Sysla, January 10; Tabor, January 9; Vav, January 4; Woensdrecht, January 4

BLACK, CARBON—(Boschdijk) 102 tons, London; 10 tons, Antwerp; 165 tons, Rotterdam; (Tabor) 50 cs, Gothenburg; 975 bgs, Gdynia
GASOLINE—6,100 tons, Vav, United Kingdom; (Woensdrecht) 1,800 tons, Fedalah; 200 tons, Algiers; 1,265 tons, Port St Louis Du Rhone; (Sysla) 1,000 tons, Antwerp; 3,350 tons, Nantes
STABILIZED—800 tons, Fenris, Havre
KEROSENE—(Woensdrecht) 300 tons, Fedalah; 110 tons, Algiers; 360 tons, Sysla, Arzew-Algiers
LUBRICANTS—(Tabor) 182 pkgs, Oslo; 106 pkgs, Gothenburg
OIL, LUBRIC—8,850 tons, Gylfe, London-Hamburg; (Dordrecht) 3,600 tons, London; 1,800 tons, Birkenhead
PETROLEUM, CRUDE—15,000 tons, Hoegh Giant, Trieste; 13,000 tons, Fenris, Havre
SULPHUR—20 bgs, Oslo; 1,000 bgs, Copenhagen
TRIPOLI—15 tons, Boschdijk, London

Lake Charles Exports
Clearance Date

Burano, January 6

PETROLEUM, CRUDE—43,037 bbls, Burano, Venice

Los Angeles Exports
Clearance Dates

Abraham Lincoln, December 30; African Reefer, December 31; Ahamo, January 3; Albertolite, January 8; Asakasan, December 29; Athelviscount, January 2; Awata, January 10; Cape Horn, December 31; Capella, January 6; City of Los Angeles, December 31; Coya, December 30; Delftdyk, December 31; Ferncastle, January 6; Holland, January 3; Huzisan, January 9; Isthmian, December 31; Javanese Prince, December 29; Martin Bakke, January 7; President Hayes, December 31; San Conedado, January 7; Silvermaple, January 3; Leiyo, January 3; Zuiyo, December 31

ACID, BORIC—920 pkgs, 116,480 lbs, Abraham Lincoln, London; (Cape Horn) 40 bgs, 4,480 lbs, Wellington; 20 bgs, 2,240 lbs, Sydney
HYDROCYANIC—9 cyls, 480 lbs, Coya, Manzanillo
ALCOHOL, BUTYL—19 dms, 6,630 lbs, Delftdyk, London
ANTIMONY, REFD—284 cs, 58,840 lbs, Asakasan, Osaka
ASPHALT, GILSONITE—548 bgs, 120,270 lbs, Delftdyk, London
BORATE—(Abraham Lincoln) 1,415 pkgs, 239,250 lbs, London; 4,216 bgs, 679,440 lbs, Liverpool; 1,842 sks, 344,970 lbs, Arvata, Hamburg
BORAX—398 bgs, 44,130 lbs, Delftdyk, Rotterdam; 400 bgs, 44,800 lbs, Abraham Lincoln, London; 4,100 bgs, 459,200 lbs, Asakasan, Osaka; (Cape Horn) 10 bgs, 1,120 lbs, Lyttelton; 110 bgs, 12,320 lbs, Dunedin; 300 bgs, 33,600 lbs, Sydney; (Silvermaple) 100 kgs, 11,200 lbs, Rangoon; 720 pkgs, 80,640 lbs, Calcutta
GLASS—30 cs, 3,000 lbs, Coya, Amapala
CATTLE HOOFS—1,598 sks, 83,180 lbs, President Hayes, Osaka
CINNAMON—(Coya) 30 lbs, 3,000 lbs, San Jose de Guatemala; 10, bls, 1,000 lbs, Champerico; 1,000 lbs, Guayaquil
CLAY—48 pkgs, 2,640 lbs, President Hayes, Singapore
GROUND—441 sks, 44,800 lbs, Silvermaple, Bagoes, Koening
CLEANER—120 lbs, Coya, Lima; 500 lbs, Isthmian, San Juan; 6,300 lbs, City of Los Angeles, Cristobal
CLOVES—2 bgs, 250 bgs, Coya, Guayaquil
COTTON LINTERS—1,000 bls, 501,760 lbs, Martin Bakke, Manchester
DIACETONE—15 dms, 6,440 lbs, Delftdyk, Amsterdam
DIATOMACEOUS EARTH—(Delftdyk) 134 bgs, 13,600 lbs, Liverpool; 847 bgs, 82,900 lbs, London; 46 bgs, 6,000 lbs, Amsterdam; 242 bgs, 24,200 lbs, Rotterdam; 67 bgs, 6,800 lbs, Avonmouth; 219 bgs, 22,450 lbs, Abraham Lincoln, Liverpool; 1,196 bgs, 121,400 lbs, African Reefer, Casablanca; 20 bgs, 2,000 lbs, City of Los Angeles, Panama; (Cape Horn) 224 bgs, 22,400 lbs, Fremantle; 224 bgs, 22,400 lbs, Melbourne; 224 bgs, 22,400 lbs, Sydney; (Silvermaple) 9 bgs, 890 lbs, Pasoeroean; 500 bgs, 50,000 lbs, Panaroekan; 784 bgs, 79,480 lbs, Calcutta
ETHYL KETONE—32 dms, 11,130 lbs, Delftdyk, Glasgow; 367 dms, 132,310 lbs, Cape Horn, Wellington
GASOLINE—85,565 bbls, 22,332,470 lbs, Yelyo, Dairen; 6,741 bbls, 1,759,400 lbs, Athelviscount, Yokohama/Aniagasaki; 20,000 dms, 6,433,910 lbs, Holland, Yokohama; 150 dms, 49,530 lbs, Coya, Amapala; 50 dms, 16,440 lbs, Cape Horn, Papeete; 99,276 bbls, 25,911,040 lbs, San Conrado, Valparaiso/Antofagasta
KEROSENE—(Cape Horn) 100 cs, 8,500 lbs, Papeete; 20 cs, 1,700 lbs, Auckland; 50 dms, 17,960 lbs, Wellington; 50 dms, 50 cs, 22,210 lbs, Napier
LACQUER—(Coya) 1,500 lbs, Lima; 1,660 lbs, Santiago; 6,670 lbs, Silvermaple, Manila
THINNER—(Coya) 2,550 lbs, Lima; 2,550 lbs, Santiago
LARD SUBSTITUTE—1,000 lbs, President Hayes, Manila
MEDICINAL PREPS—580 lbs, Javanese Prince, Manila
OIL, DIESEL—(Ahamo) 62,702 bbls, 19,563,020 lbs, Shanghai; 17,872 bbls, 5,576,060 lbs, Dairen; 41,905 bbls, 13,074,360 lbs, Ferncastle, Balboa; 20,008 bbls, 6,242,500 lbs, Capella, Arica
FUEL—14 dms, Delftdyk, London; 54,895 bbls, 18,280,040 lbs, Zuiyo, Sasebo; 80,475 bbls, 26,798,180 lbs, Huzisan, Sasebo; 55,192 bbls, 18,378,940 lbs, Ferncastle, San Jose de Guatemala; 69,446 bbls, 23,125,520 lbs, Capella, Tocopilla
LEMON—3,400 lbs, Montgomery City, London
LUBRICATING—118 dms, 40,740 lbs, President Hayes, Singapore; (Cape Horn) 15 cs, 4 dms, 3,440 lbs, 36 cs, 3,600 lbs, Wellington; (Javanese Prince) 50 cs, 20 dms, 11,700 lbs, Manila; 29 bbls, 9,700 lbs, Shang-
OIL, LUBRICATING (Continued):—
hai; (Silvermaple) 118 pkgs, 13,580 lbs, Sourabaya; 20 dms, 10,090 lbs, Calcutta
SALAD—770 lbs, President Hayes, Manila
PAINT—1,980 lbs, Coya, Lima
THINNER—40 lbs, Coya, Lima
PECTIN, CITROUS—500 lbs, Delftdyk, London; 400 lbs, Montgomery City, London
PEPPER—10 bgs, 1,340 lbs, Coya, Guayaquil
PETROLEUM, CRUDE—84,382 bbls, 26,327,180 lbs, Athelviscount, Yokohama/Nagasaki; 65,610 bbls, 20,470,320 lbs, Albertolite, Isco
GAS, LIQ—(Cape Horn) 50 cyls, 2,900 lbs, Wellington; 12 cyls, 1,000 lbs, Lyttleton
PUTTY—1,360 lbs, Silvernagle, Manila
SODA—20 bgs, 2,000 lbs, Coya, La Libertad
ASH—50 bgs, 10,000 lbs, Coya, Guayaquil
CAUSTIC—32 dms, 22,400 lbs, Coya, Guayaquil
PHOSPHATE, TRI—2,600 lbs, Cape Horn, Dunedin
SPICES—320 lbs, Coya, Guayaquil
TALC—40 bgs, 4,000 lbs, Cape Horn, Auckland
TANNING BATE—1,880 lbs, Coya, Mollendo
TOILET PREPS—(President Hayes) 2,310 lbs, Manila; 1,690 lbs, Hongkong; 200 lbs, Calcutta; 350 lbs, Coya, San Salvador; 400 lbs, City of Los Angeles, Panama City; 2,880 lbs, Javanese Prince, Shanghai; 370 lbs, Silvermaple, Sourabaya
TURPENTINE—100 cs, 8,800 lbs, Cape Horn, Dunedin

Mobile Exports
Clearance Date

Vestvangen, January 2

ROSIN, WOOD—160 dms, Vestvangen, Kingston
TURPENTINE, GUM—15 cs, Vestvangen, Fort de France

New Orleans Exports
Clearance Dates

Ada O, December 23; Asturias, December 22; Binnendijk, December 31; Ethan Allen, December 30; Gansfjord, December 14; Kiyokawa, January 6; Koenigsberg, December 2; Koeln, December 15; Kota Radja, January 5; Leerdam, December 24; Mapia, December 23; Meanticut, December 30; Nishmaha, December 15; Scottsburg, December 17; Sterlingville, January 5; Terukawa, January 2; Ulua, December 13; Vav, December 31; Vestvangen, December 31; West Harshaw, December 16

ASPHALT—60 tons, Koenigsberg, Hamburg; 18 tons, Koeln, Hamburg; 290 sx, West Harshaw, London; (Nishmaha) 30 tons, Dublin; 10 tons, Cork; 129 tons, Ethan Allen, Havre
CRUDE—96 tons, Scottsburg, Havre
GILSONITE—(Koeln) 18 tons, Hamburg; 1 ton, Bremen-Hamburg
BAKING POWDER—200 ctns, Ulua, Tela
BARK—11 bls, 3 sx, Meanticut, London
BENZOL—2,768 tons, Vav, Lands End
BLACK, CARBON—(Koenigsberg) 100 tons, Hamburg; 41 tons, Bremen-Hamburg; (Koeln) 14 tons, Hamburg; 5 tons, Hamburg-Rotterdam; 1 ton, Bremen, Hamburg; (Leerdam) 20 tons, London; 10 tons, Antwerp; (Mapia) 20 cs, Port Swettenham; 2,200 sx, 5 cs, Batavia; 10 cs, Sourabaya; (Scottsburg) 70 tons, Havre; 3 tons, Antwerp; 5 tons, Binnendijk, London; (Ethan Allen) 22 tons, Havre; 27 tons, Antwerp; 1,000 sx, 130 cs, West Harshaw, London; 55 cs, Meanticut, London; (Nishmaha) 24 tons, Glasgow; 7 tons, Dublin; 50 cs, Kiyokawa, Kobe; (Kota Radja) 20 cs, Batavia; 5 cs, Semarang
CATTLE HOOFS—50 tons, Koenigsberg, Hamburg
CLAY—(Koeln) 1 crt, Bremen-Bremerhaven; 20 tons, Hamburg; 20 tons, Scottsburg, Rotterdam; 220 sx, West Harshaw, London; 300 sx, Meanticut, Hull
ACTIVATED—135 tons, Scottsburg, Havre
GROUND—54 tons, Binnendijk, London
CORN SUGAR—113 tons, Leerdam, London
SYRUP—240 bbls, West Harshaw, London; (Meanticut) 375 bbls, Hull; 250 bbls, London; 27 tons, Nishmaha, Dublin
COTTONSEED HULL SHAVING PULP—(Scottsburg) 93 tons, Havre; 1 ton, Antwerp; (Ethan Allen) 29 tons, Antwerp; 45 tons, Rotterdam
MEAL—10 sx, Ulua, Tela; (Nishmaha) 300 tons, Dublin; 2,500 tons, Cork; 150 sx, Vestvangen, Kingston
DIATOMACEOUS EARTH—315 sx, Asturias, San Nicholas
FERROPHOSPHOR—25 tons, Koenigsberg, Bremen-Hamburg transshipment
FIRECLAY—690 sx, 1,000 ctns, Asturias, Maracaibo; 2 tons, Ethan Allen, Antwerp; 20 dms, Vestvangen, Georgetown
GASOLINE—18 tons, Scottsburg, Havre; 6 dms, West Harshaw, London; 4,463 tons, Terukawa, Shimitzu
GREASE, LUBRIC—100 dms, 31 pkgs, Asturias, Maracaibo
INSECTICIDE—2 tons, Koenigsberg, Bremen-Hamburg
KEROSENE—100 dms, Ulua, Puerto Barrios; 250 cs, Vestvangen, Bridgetown
LARD—760 tins, Ulua, Puerto Barrios; (Gansfjord) 110 tins, 1,325 dms, Santiago; 1,650 tins, Cartagena; 6,400 tins, 50 cs, Puerto Colombia; 1,300 tins, Asturias, Maracaibo
LIME—1,792 sx, Gansfjord, Kingston
MOLYBDENITE CONC—45 tons, Leerdam, Rotterdam
OIL, DIESEL—350 bbls, Vestvangen, Moengo
FUEL—1,100 bbls, Vestvangen, Moengo
LUBRICATING—88 tons, Koenigsberg, Hamburg; 28 tons, Koeln, Hamburg; (Ada O) 290 bbls, 30 dms, Algiers; 10 dms, 40 bbls, Oran; 173 dms, Naples; 14 tons, Leerdam, Antwerp; (Mapia) 15 dms, Belawan Deli; 90 dms, Port Swettenham; 1,093 dms, Macassar; 10 dms, Sourabaya; 3 tons, Ethan Allen, Havre; 25 bbls, West Harshaw, London; 25 dms, Meanticut, London; 300 dms, Kiyokawa, Yokohama; 1 ton, Binnendijk, Rotterdam
PINE—16 tons, Koenigsberg, Bremen-Hamburg, transshipment; 3 dms, Ada O, Genoa
SOYBEAN—10 dms, Gansfjord, Santiago
ORE, CONC—51 tons, Leerdam, London
OXYGEN—32 cyls, Vestvangen, Georgetown
PAINT—254 ctns, Asturias, Maracaibo
PARAFFIN—34 tons, Leerdam, London; 25 tons, Scottsburg, Antwerp; 832 sx, West Harshaw, London; 798 bbls, Meanticut, Hull; 55 tons, Nishmaha, Cork
PETROLATUM—47 tons, Koenigsberg, Hamburg; 29 tons, Koeln, Hamburg
PETROLEUM, CRUDE—1,925 tons, Terukawa, Tukayama
PINETAR—75 dms, Mapia, Batavia; 210 dms, Meanticut, London
PITCH, SUGAR CANE—10 tons, Nishmaha, Glasgow
ROOTS—1 ton, Leerdam, London
ROSIN — 29 tons, Koenigsberg, Hamburg; (Koeln) 13 tons, Hamburg; 50 tons, Hamburg-Rotterdam; (Leerdam) 7 tons, Antwerp; 42 tons, Rotterdam; (Mapia) 10 dms, Penang; 200 dms, Singapore; 200 dms, Batavia; 25 dms, Padang; 50 dms, Cheribon; 150 dms, Meanticut, Hull;
ROSIN (Continued):—
(Kota Radja) 10 dms, Belawan Deli; 20 dms, Penang; 65 dms, Singapore; 280 dms, Batavia; 75 dms, Sourbaya; 35 dms, Macassar
WOOD—58 tons, Leerdam, London; 84 dms, 230 bbls, West Harshaw, London
SALT—(Ulua) 16 tons, Puerto Barrios; 5 tons, Tela
SOYBEANS—31,401 bus, Sterlingville, Rotterdam
CAKE—205 tons, Binnendijk, Antwerp
MEAL—181 tons, Binnendijk, Antwerp; 350 sx, Vestvangen, Bridgetown
STARCH—600 sx, West Harshaw, London; 27 tons, Nishmaha, Dublin
SULPHUR, CRUDE—100 tons, West Harshaw, London
TRIPOLI — (Koenigsberg) 15 tons, Bremen-Bremerhaven; 48 tons, Hamburg; 4 tons, Ethan Allen, Rotterdam
TURPENTINE—22 pkgs, Asturias, Maracaibo
WAX—10 tons, Nishmaha, Glasgow
BEES—2 tons, Binnendijk, Rotterdam

Norfolk Exports
Clearance Dates

Boston City, January 3; City of Flint, January 7; Jeff Davis, December 24; Manchester Brigade, December 24; Manchester Exporter, January 6; McKeesport, December 30; Stentor, December 30; Tiradentes, January 1

ACETONE—60 dms, McKeesport, London; 64 dms, 26,560 lbs, City of Flint, London
ALCOHOL, BUTYL—50 dms, McKeesport, London
OCTYL—2 dms, McKeesport, London
BUTYL ACETATE—200 dms, McKeesport, London
CARBITOL—15 dms, McKeesport, London
CORNFLOUR—400 bgs, 56,500 lbs, City of Flint, Leith
DIACETONE—3 dms, McKeesport, London
DICHLORODIFLUOROMETHANE — 10 dms, 6,453 lbs, City of Flint, London
DIETHANOLAMINE — 2 dms, McKeesport, London
DIETHYLSULPHATE — 1 dm, McKeesport, London
DIETHYLENEGLYCOL—10 dms, McKeesport, London
DRUGS—20 bgs 2,270 lbs, McKeesport, London; 2 bls, 1,146 lbs, City of Flint, London
ETHYLENEDICHLORIDE—10 dms, McKeesport, London
ETHYLENEGLYCOLMONOBUTYLETHER—25 dms, McKeesport, London
ETHYLENEGLYCOLMONOETHYLETHER — 200 dms, McKeesport, London
ETHYLENEGLYCOLMONOETHYLETHER ACETATE—200 dms, McKeesport, London
ETHYLENEOXIDE—1 cyl, 217 lbs, City of Flint, London
ISOPROPYL ACETATE—79 dms, McKeesport, London
LARD—(Boston City) 2,400 bxs, 100,912 lbs, Bristol; 1,000 bxs 62,750 lbs, Cardiff
LEAD, WHITE—28 bbls, 17,015 lbs, Jeff Davis, Manila
MICA—306 bgs, 50,250 lbs, McKeesport, London; 70 bgs, 7,140 lbs, City of Flint, Hamburg
PULVERIZED—45 bgs, 4,590 lbs, Manchester Exporter, Manchester
OCHER—1,120 bgs, 181,440 lbs, City of Flint, London
PAINT SOLVENT—40 dms, 25,124 lbs, Boston City, Bristol
PHENYLDIETHANOLAMINE—1 cs, McKeesport, London
PHENYLETHANOLAMINE—1 cs, McKeesport, London
PROPYLENEGLYCOL — 3 dms, McKeesport, London
SODA, NITRATE—1,200 bgs, 242,400 lbs, Jeff Davis, Shanghai
STARCH, CORN—(City of Flint) 200 bgs, 28,260 lbs, London; 200 bgs, 28,200 lbs, Dundee
POWDERED—50 bgs, 7,050 lbs, City of Flint, Dundee
TANNING EXTRACT—(Manchester Exporter) 385 bbls, 228,503 lbs, Liverpool; 200 bbls, 119,192 lbs, Manchester; 200 bbls, 119,384 lbs, Manchester Brigade, Manchester
TRIETHANOLAMINE—20 dms, McKeesport, London
WITCH HAZEL BARK—7 bls, 2,240 lbs, Tiradentes, Rotterdam

Philadelphia Exports
Clearance Dates

Basil, January 14; Black Osprey, January 9; Browning, January 11; City of Dalhart, January 13; City of Evansville, January 10; Cubano, January 12; Estrella, January 13; Executive, January 13; Fairfield City, January 6; Independence Hall, January 12; Malabar, January 14; Roxburgh Castle, January 4; San Vincente, January 7; Swinburne, January 9; Tabinta, January 14; Voco, January 9; Waukegan, January 9

ALUMINA SULPHATE—300 bbls, City of Dalhart, Manila
AMMONIA, ANHYDR—75 cyls, City of Evansville, Karachi
BENZOL—5 bbls, Swinburne, Pernambuco; 33 dms, Cubano, Buenos Aires
BLACK, LAMP—4 ctns, Fairfield City, Manila
BLUE, MECHANIC'S—1 ctn, Fairfield City, Cebu
BRAKE FLUID, HYDRAULIC—1 dm, Browning, Sao Paulo
CARAWAY SEED—100 pkgs, Black Osprey, Amsterdam
CEMENT, FIBER — 5 dms, Browning, Sao Paulo
GASKET—5 cs, Tabinta, Penang
REFRACTORIES—3 dms, Waukegan, Hamburg; 43 dms, Independence Hall, Bordeaux
RUBBER—3 dms, Browning, Sao Paulo
CLEANER—2 cs, Roxburgh Castle, Capetown; 1 dm, Malabar, London
FLYSPRAY, CONC—(Roxburgh Castle) 1 pkg, 2 dms, Durban; 2 dms, Capetown
GASOLINE—(Roxburgh Castle) 750 cs, Luderitz Bay; 1,300 cs, Beira; 150 cs, Capetown; 100 cs, Mossel Bay; 1,500 cs, Walfisch Bay; 500 cs, Lourenco Marques; 400 dms, 8,000 cs, Swinburne, Ceara
GLASS, WINDOW—5 cs, San Vincente, Cristobal
GREASE, LUBRIC—(Roxburgh Castle) 20 cs, 60 dms, 175 bkts, Durban; 5 cs, Luderitz Bay; 20 bkts, Beira; 10 cs, 30 dms, 175 bkts, Capetown; 10 bkts, East London; 10 dms, 70 bkts, Mossel Bay; 65 cs, 80 bkts, Walfisch Bay; 15 dms, 45 bkts, Lourenco Marques; 10 bbls, Estrella, Lisbon; (Swinburne) 5 cs, Natal; 10 bkts, Pernambuco; 73 bbls, Independence Hall, Havre; 6 pkgs, Black Osprey, Rotterdam; 1 ctn, City of Evansville, Port Sudan; 40 pkgs, Executive, Skopige; 1 bbl, Browning, Sao Paulo
INSECTICIDE—7 ctns, Fairfield City, Cebu; 22 ctns, Tabinta, Belawan Deli
KEROSENE — (Swinburne) 4,000 cs, Ceara; 2,500 cs, Macelo; 6,000 cs, Bahia
LARD—100 bxs, Malabar, London

LICORICE PASTE—180 pkgs, Black Osprey, Rotterdam; 12 cs, Browning, Rio de Janeiro
LINSEED CAKE—1,848 pkgs, Black Osprey, Rotterdam
MANGANESE ORE — 1 pkg, Black Osprey, Rotterdam
MEDICINAL PREPS—12 cs, Fairfield City, Manila; 16 bxs, City of Dalhart, Manila
MINERAL SPTS—(Roxburgh Castle) 20 cs, Luderitz Bay; 25 bbls, Capetown; 5 cs, Mossel Bay; 50 bbls, Lourenco Marques
OIL, ILLUMINATING—(Roxburgh Castle) 3,300 cs, Durban; 1,600 cs, Luderitz Bay; 500 cs, Port Elizabeth; 800 cs, Beira; 900 cs, Capetown; 50 cs, East London; 600 cs, Mossel Bay; 600 cs, Walfisch Bay; 2,500 cs, Lourenco Marques; 445 bbls, Voco, Liverpool-London
LUBRICATING—(Roxburgh Castle) 00 pkgs, 940 dms, 55 cs, Durban; 240 pkgs, 38 dms, Luderitz Bay; 775 pkgs, Walvis Bay; 20 cs, 490 dms, Port Elizabeth; 55 cs, 35 dms, Beira; 650 dms, 85 cs, Capetown; 230 dms, 15 cs, East London; 298 dms, 8 cs, Mossel Bay; 60 cs, 39 dms, Walfisch Bay; 110 cs, 280 dms, Lourenco Marques; (Estrella) 438 pkgs, Casablanca; 104 ctns, 148 bbls, 6 dms, 1 cs, Lisbon; 44 bbls, Leixoes; 5 cs, Benguela; 1 dm, Ambrizette; 235 bbls, 31 pkgs, Marseilles; 20 dms, Tunis; 260 pkgs, Haiphong; 20 dms, Oran; (Swinburne) 34 dms, Iquitos; 20 cs, 5 dms, Maranhao; 20 dms, Ceara; 40 cs, 10 dms, Natal; 117 bbls, 90 dms, 514 cs, Pernambuco; 15 cs, 10 bbls, 100 dms, Maceio; 1 dm, Waukegan, London; (Independence Hall) 602 bbls, Havre; 130 bbls, Bordeaux; 25,312 bbls, Voco, Liverpool-London; (San Vincente) 18 dms, 2 qtr dms, Callao; 10 dms, Paita; 171 pkgs, Black Osprey, Antwerp; (Basil) 100 pkgs, Parnahyba; 154 pkgs, Cabedello; 35 pkgs, Manaos; 12 pkgs, Ceara; 22 pkgs, Pernambuco; 2 cans, 72 pkgs, Malabar, London; (Tabinta) 1 cs, 24 ctns, 330 pkgs, Penang; 218 pkgs, 150 dms, Bangkok; 493 pkgs, Singapore; 150 dms, Sourabaya; 220 pkgs, Port Swettenham; (City of Evansville) 22 dms, Port Said, 14 dms, Port Sudan; 1,065 dms, Karachi; 2,271 dms, 25 pkgs, 1,450 cs, Bombay; 65 dms, 120 cs, Basrah; 1,520 dms, 15 pls, 28 cs, Calcutta; (Executive) 70 bxs, Skoplje; 535 pkgs, Istanbul; 140 pkgs, Thessaloniki; 82 dms, 25 cs, Piraeus; 670 pkgs, Cubano, Porto Alegre; (Browning) 283 bbls, 25 dms, 793 cs, Rio de Janeiro; 5 bbls, Sao Paulo; (City of Dalhart) 59 dms, Honolulu; 65 dms, Manila; 155 pkgs, Hongkong
MINERAL, COLZA—100 dms, City of Evansville, Calcutta
NEATSFOOT—6 bbls, Estrella, Marseilles; 5 pkgs, Black Osprey, Antwerp
TRANSFORMER — 90 dms, 10 cs, City of Evansville, Calcutta
PAINT—34 dms, 60 pls, Browning, Sao Paulo
PARAFFIN—(Estrella) 500 bgs, Oporto; 1,000 bgs, Casablanca; 51 bbls, Lisbon; (San Vincente) 450 bgs, Oruro; 50 bgs, Pacasmayo; 26 bbls, Tabinta, Bangkok; (Waukegan) 30 cs, London; 50 bgs, Hamburg
REFINED—136 bgs, San Vincente, Pasto
PETROLATUM—(City of Evansville) 35 dms, Karachi; 50 dms, Calcutta
PIGMENT, VARNISH, GRD—1 bx, Malabar, London
PITCH—1,296 dms, Estrella, Marseilles
COALTAR—20 dms, San Vincente, Cristobal
POLISH, METAL—18 ctns, Fairfield City, Cebu
RESIN, COALTAR—17 dms, Independence Hall, Havre; 1 pkg, Black Osprey, Rotterdam; 19 dms, Malabar, London
ROSIN—17 bbls, Fairfield City, Manila
RUBBER COMPOUNDING AGENTS—5 pkgs, Black Osprey, Antwerp
SILICA—200 bgs, Malabar, London; 60 bgs, City of Dalhart, Manila
TALLOW—10 cs, San Vincente, Cristobal
TOILET PREPS — 1 cs, Roxburgh Castle, Bloemfontein via East London
VALVE GRINDING COMP—4 ctns, Fairfield City, Cebu

Port Arthur Exports

Clearance Dates

Aino, January 6; Floride, December 30; Good Gulf, January 7; Jotunfjell, January 4; Oilpioneer, December 31; San Arcadio, January 7; Spidoleine, January 5; Turicum, January 9; West Quechee, January 6

ASPHALT, PETROLEUM — 1,448 dms, 622 bbls, Floride, Havre; 1,165 bbls, 958 dms, West Quechee, London
GASOLINE—(Jotunfjell) 47,836 bbls, Rio de Janeiro; 51,311 bbls, Santos; 89,128 bbls, San Arcadio, United Kingdom
GREASE, LUBRIC—5 dms, Floride, Havre; 30 dms, 20 cs, West Quechee, London
KEROSENE—5,727 bbls, Turicum, Gothenburg
OIL, BURNING—35 dms, West Quechee, London
FUEL—3,853 bbls, Good Gulf, Antwerp
GAS — 3,688 bbls, Spidoleine, London-Manchester; 66,712 bbls, Aino, Amsterdam; 46,515 bbls, Good Gulf, Antwerp; 28,038 bbls, Turicum, Gothenburg
LUBRICATING—50,612 bbls, Spidoleine, London-Manchester; 27,096 bbls, 265 dms, Good Gulf, Antwerp
LUBRICATING, PALE — 281 dms, Floride, Havre; 95 dms, 50 bbls, 125 ctns, West Quechee, London
PETROLEUM, CRUDE — 65,790 bbls, Oilpioneer, Trieste

San Francisco Exports

Clearance Dates

Cape Horn, December 29; Chichibu, December 29; Coya, December 28; Delftdijk, December 29; Donau, December 24; Gefion, December 24; John A Brown, December 26; President Pierce, December 30; Rosebank, December 30; Sagoland, December 24; San Diego, December 27; Warwick, December 30; W S Miller, December 27

ACID, Fatty—100 sks, Coya, San Jose de Guatemala
MURIATIC—12 crbys, Coya, Amapala
SULPHURIC—2 crbys, Cape Horn, Papeete
ANTIKNOCK COMP—10 dms, W S Miller, Vancouver
APRICOT KERNELS—25 sks, Donau, Strasbourg; 75 sks, Delftdijk, Holland
ASPHALT—(Cape Horn) 1,015 dms, Wellington; 25 dms, Dunedin; 526 bbls, Lyttleton; (President Pierce) 20 dms, Manila; 300 dms, President Pierce, Bangkok; 574 sks, Delftdijk, England
GILSONITE—(Donau) 948 sks, Hamburg; 30 sks, Copenhagen; 19 sks, President Pierce, Osaka
BLACK, CARBON—160 sks, Rosebank, Victoria
MINERAL—20 cs, Rosebank, Vancouver
BLUE, LAUNDRY—39 cs, President Pierce, Manila
BONE FLOUR—560 sks, Rosebank, Vancouver
MEAL—40 sks, Rosebank, Vancouver
BORAX—(Coya) 6 sks, La Union; 30 cs, Amapala; 80 sks, Chichibu, Osaka
CANDLES—7 cs, President Pierce, Borneo
CARBON BISULPHIDE—20 dms, Coya, Corinto
DECOLORIZING—102 sks, 1 bdl, 5 cs, Delftdyk, Panama
CEMENT, LINOLEUM—1 cs, Coya, San Jose de Guatemala
ROOF—2 cs, Coya, San Jose de Guatemala; 2 cs, Cape Horn, Lyttleton; 65 cs, President Pierce, Manila
CHEMICALS—1 cs, Cape Horn, Wellington; 14 cs, President Pierce, Shanghai; 2 dms, Rosebank, Victoria
CHLORINE BLEACH, LIQ—5 cs, President Pierce, Manila
CINNAMON QUILLS—(Coya) 20 bls, La Libertad; 6 bls, Coya, Amapala
CLEANER—1 dm, W S Miller, Vancouver; (Cape Horn) 1 cs, Wellington; 1 dm, Lyttleton; 12 cs, President Pierce, Shanghai; 23 cs, Rosebank, Shellburn; 3 cs, Coya, San Jose de Guatemala
CLOVES—2 sks, Coya, La Union
COCOA CAKE—172 sks, Delftdijk, Holland
WASTE—474 sks, Delftdijk, Holland
COLOR, DRY—1 bbl, President Pierce, Yokohama; (Coya) 24 cs, Lima; 14 cs, 1 bbl, San Jose de Guatemala; 26 cs, Cape Horn, Christchurch; 7 kgs, Rosebank, Vancouver
COPPER OXIDE—46 dms, Rosebank, Victoria
CREAM TARTAR—5 cs, President Pierce, Manila
CUMIN SEED—2 sks, Coya, Amapala
DYE, GASOLINE—1 pl, W S Miller, Vancouver
FIRECLAY—600 sks, Rosebank, Vancouver
FLAVORING SYRUP—5 bbls, Rosebank, Vancouver
FLYSPRAY—5 cs, Coya, Callao; 33 cs, President Pierce, Manila
FULLER'S EARTH—3,500 sks, Coya, Talara
GASOLINE—33,197 bbls, Gefion, Yokohama; 5,800 bbls, 130 dms, W S Miller, Vancouver; (Cape Horn) 3 dms, Papeete; 565 cs, 62 dms, Rarotonga; 100 dms, Lyttleton
AVIATION—4,900 bbls, John A Brown, Sydney/Melbourne
GINSENG—13 bbls, President Pierce, Hongkong
FIBER—2 bbls, President Pierce, Hongkong
ROOT—1 bbl, President Pierce, Bangkok
GLASS, PLATE—1 crt, Coya, Corinto
GLAUBER'S SALT—10 bbls, Rosebank, Vancouver
GLUCOSE—16 bbls, Cape Horn, Wellington
GLUE—1 cs, Rosebank, Vancouver; 2 kgs, Coya, Lima
GLYCERIN—1 cs, Coya, Corinto
GRAPHITE—3 bbls, 2 kgs, 5 sks, Rosebank, Vancouver
GREASE, LUBRIC—10 dms, 15 qtr dms, 1 hlf dm, 186 pls, 57 cs, W S Miller, Vancouver; (Chichibu), 10 pls, Tientsin; 2 dms, 24 pls, Dairen; 100 dms, Takao; 8 cs, Cape Horn, Wellington; 6 dms, 12 pls, 5 cs, Rosebank, Shellburn
GRINDELIA ROBUSTA—11 bls, Donau, Hamburg
GYPSUM—3 kgs, Coya, San Jose de Guatemala
HOPS—10 bls, Donau, Antwerp
HYDROGEN PEROXIDE—(Cape Horn) 8 cs, Auckland; 13 cs, Lyttleton
INK, DUPLICATING—5 cs, President Pierce, Manila
PRINTING—76 dms, Coya, Valparaiso; (President Pierce) 4 pls, 1 dm, 1 cs, Shanghai; 5 pls, 5 dms, 3 cs, Manila; 6 dms, Rosebank, Victoria
INSECTICIDE—10 cs, Coya, San Jose de Guatemala
JAPAN DRIER—4 cs, President Pierce, Manila
KEROSENE—600 bbls, W S Miller, Vancouver; (Cape Horn) 100 cs, Papeete; 257 cs, 40 dms, Rarotonga; 1,200 bbls, John A Brown, Sydney/Melbourne
LACQUER—7 cs, Coya, San Jose de Guatemala; 1 cs, Cape Horn, Wellington
THINNER—1 dm, Coya, San Jose de Guatemala; 25 dms, Rosebank, Shellburn
LEAD, RED—2 dms, President Pierce, Shanghai
RED, IN OIL—10 kgs, 1 cs, Coya, San Jose de Guatemala
LIGHTER FLUID—200 cs, Rosebank, Shellburn
LITHARGE—4 kgs, Coya, Callao; 2 dms, President Pierce, Shanghai
LIVER MEAL—2 sks, Rosebank, Vancouver
MAGNESIA CARBONATE—6 sks, Coya, Corinto
MASTIC—6 cans, President Pierce, Manila
METHYL CHLORIDE—1 dm, President Pierce, Manila
MOLYBDENITE CONC — 115 bbls, President Pierce, Osaka
NAPHTHA—25 dms, Cape Horn, Lyttleton
OIL, COCONUT—20 bbls, Cape Horn, Auckland
DIESEL—5,500 bbls, W S Miller, Vancouver
FISH—4 cs, Coya, San Jose de Guatemala
LARD—1 pl, Sagoland, Philippine Islands
LINSEED—10 cs, President Pierce, Hongkong
LUBRICATING—8 bbls, Donau, Belgrade 545 dms, W S Miller, Vancouver; 5 dms, Coya, Puntarenas; (Chichibu) 25 dms, Tientsin; 350 dms, Takao; (Cape Horn, 5 dms, 2 cs, Rarotonga; (Cape Horn, 12 dms, Invercargill; 12 dms, Wellington; 10 dms, Sydney; 18 dms, Dunedin; 10 dms, Melbourne; 20 dms, Cape Horn, Lyttleton; 20 dms, Delftdijk, England; 1,200 bbls, Warwick, Port Moody; (President Pierce, 322 dms, Manila; 110 dms, Shanghai; 102 dms, 150 pls, Rosebank, Shellburn
MINERAL WHITE—2 dms, 1 cs, W S Miller, Vancouver
ORANGE—8 cs, Chichibu, Yokohama
TRANSFORMER—20 dms, Chichibu, Tsingtao
PAINT—(Coya) 5 kgs, 11 cs, Lima; 15 kgs, 139 cs, San Jose de Guatemala; 7 kgs, 4 cs, San Salvador; (Cape Horn) 8 cs, 3 kgs, Rarotonga; 10 cs, Wellington; (President Pierce) 113 cs, 75 pls, 2 dms, Manila; 17 cs, Hongkong
ALUMINUM—4 cs, Coya, La Union
DRIER—15 kits, President Pierce, Manila
ENAMEL—(Coya) 1 dm, Lobitos; 8 cs, San Jose de Guatemala; 1 cs, Cape Horn, Rarotonga
LIQUID—36 cs, President Pierce, Manila
PASTE—3 cs, Coya, Lima
PREPARED—1 kg, Coya, Lobitos; 1 cs, Cape Horn, Rarotonga
REMOVER—5 cs, Coya, San Jose de Guatemala
THINNER—(Coya) 1 dm, Lima; 1 cs,, Lobitos; 3 dms, W S Miller, Vancouver
TIRE—3 cs, Rosebank, Vancouver
PARAFFIN—400 sks, Coya, Callao; 2 bbls, Cape Horn, Wellington
PEPPER, BLACK—(Coya) 2 sks, La Union; 10 sks, Champerico; 2 sks, Amapala; 10 cs, San Jose de Guatemala; (Delftdijk) 30 bls, 20 sks, Peru; 60 sks, Mollendo; 30 sks, Talcahuano
PETROLEUM—(Cape Horn) 5 dms, Wellington; 10 dms, Dunedin
CRUDE—68,097 bbls, Gefion, Yokohama; 75,500 bbls, San Diego, Japan
DISTILLATE — 210 bbls, Sagoland, China; (Cape Horn) 10 dms, Papeete; 40 dms, Rarotonga
REFINED—25 dms, 120 cs, Cape Horn, Rarotonga; 4,900 bbls, John A Brown, Sydney/Melbourne
PLASTIC WOOD—3 cs, President Pierce, Manila
POLISH—(Cape Horn) 1 dms, Auckland; 2 cs, Wellington; 1 cs, Rarotonga; 22 cs, President Pierce, Manila; 22 cs, Rosebank, Vancouver
POTASH XANTHATE—116 dms, Coya, Callao
PUTTY—4 cs, President Pierce, Manila
ROSIN—(Cape Horn) 29 bbls, Napier; 5 bbls, Wellington; 23 bbls, New Plymouth; 37 bbls, Dunedin
SALT—160 sks, President Pierce, Manila; 1,059 tons, Rosebank, Vancouver
IODIZED—800 pkgs, Cape Horn, Dunedin
SHELLAC—1 sk, Coya, San Jose de Guatemala; 5 bbls, Rosebank, Vancouver
SOAP—100 sks, President Pierce, Manila
FLAKES—1 kg, President Pierce, Hongkong
LAUNDRY—1 cs, President Pierce, Manila
LIQUID—(Cape Horn) 1 dm, Wellington; 1 dm, Auckland
MEDICATED—1 cs, President Pierce, Hongkong
POWDER—2 cs, Coya, Corinto; 10 cs, President Pierce, Manila
TOILET—(President Pierce) 7 cs, Manila; 3 cs, Shanghai
SODA—11 cs, President Pierce, Shanghai
ASH—10 sks, Coya, Corinto
BICARBONATE—31 cs, President Pierce, Manila
BISULPHITE—1 dms, Rosebank, Vancouver
SILICATE—667 sks, President Pierce, Manila
SOLVENT, PETROLEUM—45 dms, W S Miller, Vancouver
STAIN—1 cs, Cape Horn, Rarotonga
SULPHUR DIOXIDE—1 dm, President Pierce, Manila
TALC, VENETIAN—7 sks, Coya, Corinto
WHITE—4 kgs, Coya, Corinto
TAPIOCA—3 sks, San Jose de Guatemala
TOILET PREPS—2 cs, Cape Horn, Sydney; (President Pierce) 2 cs, Hongkong; 2 cs, Bangkok
TURPENTINE—(Cape Horn, 20 cs, Blue; 38 cs, Napier; 20 pls, 50c, 2 dms, Wellington; 165 cs, Lyttleton
GUM—(Cape Horn) 2 cs, Rarotonga; 60 dms, Auckland; 2 dms, Wellington; 38 dms, Lyttleton; 5 dms, 85 cs, Dunedin
VARNISH—2 dms, 10 cs, Coya, San Jose de Guatemala; 40 kgs, 30 kits, 10 cs, President Pierce, Manila
COPAL—20 cs, 10 kits, President Pierce, Manila
WAX—4 cs, Coya, San Jose de Guatemala
WOOD PRESERVER—1 cs, Coya, San Jose de Guatemala
YEAST—160 cs, Chichibu, Yokohama
ZINC DUST—42 cs, Donau, Ciudad Bolivar; 10 cs Coya, La Union; 36 cs, President Pierce, Manila
OXIDE—5 kgs, Coya, Corinto

Savannah Exports

Clearance Dates

Fairfield City, January 13; Tai Ping, January 4; Tulsa, January 9

CLAY—2,400 bgs, Tulsa, Hull
FIRECLAY—4,437 dms, Fairfield City, Honolulu
ROSIN, GUM—(Tulsa) 350 bbls, London; 50 lbs, Hull; 125 bbls, Rotterdam; 1,210 bbls, Hamburg; 67 bbls, Tai Ping, Manila
SIZE, DRY—90 bgs, Tulsa, Rotterdam
WOOD—25 bbls, Tai Ping, Manila
TURPENTINE, GUM—250 bbls, Tulsa, London

Tampa Exports

Clearance Dates

Albert, January 4; Allocate, January 5; Columbia, January 5; General Tosta, January 4; Josephine Wimsatt, January 6; Motagua, January 10; Nicolo Odero, January 9; Primo, December 31

BAKING POWDER—1 cs, Motagua, Belize
COALTAR INTERMEDIATES—50 gls, Primo, Kingston
FERTILIZER—8,929 tons, Primo, Kingston
GAS—2 dms, General Tosta, Belize
GASOLINE—17 dms, General Tosta, Belize; 8 dms, Albert, Belize; 4 dms, Allocate, Belize; 25 dms, Josephine Wimsatt, Caibarien; 1 dm, Motagua, Belize
LARD—30 tins, General Tosta, Cozumel
LYE—1 cs, Motagua, Belize
MEDICINAL PREPS—6 bxs, General Tosta, Belize
PASTE, LABEL—100 lbs, Primo, Port of Spain
PHOSPHATE—6,994 tons, Columbia, Yokohama, Kobe, Osaka, Niihama; 2,198 tons, Nicolo Odero, Genoa
PRESERVATIVE, LIQ—(Primo) 1,500 gls, Port of Spain; 275 gls, Bridgetown
SALT—3 bgs, Motagua, Belize
SOAP, LAUNDRY—2 cs, Motagua, Belize
SODA, ASH—25 bls, Primo, Kingston
BICARBONATE—1 bx, Motagua, Belize
PHOSPHATE TRI—70 lbs, Primo, Kingston
STARCH, CORN—3 cs, Motagua, Belize
TOILET PREPARATIONS—2 ctns, General Tosta, Cozumel
WOOD PRESERVATIVE—275 gls, Primo, Kingston

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—8,630 bbls, San Diegan, San Diego; 61,143 bbls, Huguenot, Seattle; 65,962 bbls, Dirigo, Portland; 2,098 bbls, San Diegan, San Diego
OIL, DIESEL—20,350 bbls, Huguenot, Seattle; 8,694 bbls, Dirigo, Portland
FUEL—49,824 bbls, Torres, Avon; 64,933 bbls, Frank G Drum, Avon; 1,850 bbls, Scotia, Eureka; 2,412 bbls, Coast Miller, Portland; 67,000 bbls, Pat Doheny, Portland; 82,000 bbls, Lebec, Bayonne
FURNACE—91,133 bbls, H D Collier, Baltimore
PETROLEUM, CRUDE—75,752 bbls, Los Angeles, Oleum

Cargo Ship Arrivals

January 14 to January 27

New York

Adrastus	Hongkong*	Jan 17
Agwistar	Progreso*	Jan 22
Alberta	Trieste*	Jan 23
American Banker	London*	Jan 23
American Farmer	London*	Jan 17
American Shipper	Manchester*	Jan 23
American Traveler	Hamburg*	Jan 22
Amor	Maracaibo*	Jan 23
Aquitania	Southampton*	Jan 20
Argentina	Buenos Aires*	Jan 24
Arkansan	Tacoma*	Jan 17
Astri	Santos*	Jan 17
Ausonia	Havre*	Jan 18
Balzac	Santos*	Jan 25
Bassano	Hull	Jan 18
Belle Isle	St John's*	Jan 19
Belvedere	Genoa*	Jan 22
Bergensfjord	Oslo*	Jan 22
Black Condor	Rotterdam*	Jan 18
Black Eagle	Rotterdam*	Jan 25
Black Tern	Rotterdam*	Jan 23
Bonheur	Bahia*	Jan 18
Borinquen	Trujillo*	Jan 16
Buenaventura	Port au Prince*	Jan 23
Caledonia	Glasgow*	Jan 16
Camamu	Santos*	Jan 19
Carolina Thorden	Kotka*	Jan 25
Champlain	Havre*	Jan 25
Chr Cass	Ibicuy	Jan 26
Cingalese Prince	Shanghai*	Jan 25
City of Corinth	Calcutta*	Jan 20
City of Los Angeles	San Francisco*	Jan 16
City of Rayville	Calcutta*	Jan 19
City of San Francisco	San Francisco*	Jan 23
Coamo	Trujillo*	Jan 23
Collamer	Dunkirk*	Jan 17
Crijnssen	Barbados*	Jan 16
Crispin	Bahia*	Jan 20
Cristobal	Cristobal*	Jan 16
Cypria	Marseilles*	Jan 14
Drottningholm	Gothenburg	Jan 16
East Indian	Buenos Aires*	Jan 18
Elin K	Hamburg	Jan 21
Emergency Aid	Portland*	Jan 13
Emile Francqui	Antwerp	Jan 20
Erik Frissel	Buenos Aires*	Jan 16
Ewa	Honolulu*	Jan 16
Exeter	Beirut*	Jan 18
Exminster	Istanbul*	Jan 19
Fernglen	Alexandria*	Jan 16
Floridian	Portland*	Jan 22
Gudrun Maersk	Rotterdam*	Jan 19
Gunvor	Paramaribo*	Jan 19
Hallaren	Gothenburg*	Jan 18
Harpagon	Port Alberni	Jan 26
Harry Luckenbach	Seattle*	Jan 19
Hektor	Buenos Aires	Jan 23
Hokkai	Hamburg*	Jan 18
Hollywood	Portland*	Jan 23
Ile de France	Havre*	Jan 17
Irisbank	Hongkong*	Jan 21
Jakob Maersk	Antwerp	Jan 23
Jamaica	Puerto Colombia*	Jan 19
Koenigsberg	Hamburg*	Jan 23
Komaki	Manila*	Jan 25
Lages	Santos*	Jan 17
Lancaster	Portland	Jan 21
Liberty Glo	Seattle*	Jan 18
Lucia C	Trieste*	Jan 16
Lundby	Piraeus*	Jan 27
Mahimahi	Honolulu*	Jan 26
Manhattan	Hamburg*	Jan 24
Manuela	San Juan	Jan 23
Mexico	Vera Cruz*	Jan 22
Mormacstar	Diamente*	Jan 27
Munargo	Havana*	Jan 19
Nerissa	Trinidad*	Jan 20
Nevadan	Tacoma*	Jan 24
New Orleans	Calcutta*	Jan 23
New York	Hamburg*	Jan 20
Norbryn	Buenos Aires*	Jan 16
Norden	Yokohama*	Jan 25
Northern Prince	Buenos Aires*	Jan 20
Pastores	Puerto Barrios*	Jan 19
Peter Kerr	Portland*	Jan 27
Ponce	La Romana*	Jan 17
Port Halifax	Adelaide*	Jan 18
President Monroe	Kobe*	Jan 24
Republic	San Francisco*	Jan 24
Ragnhildsholm	Roumo*	Jan 26
Rio Pardo	Natal	Jan 25
Robin Goodfellow	Mombasa*	Jan 18
Rosario	San Juan	Jan 16
Santa Lucia	San Antonio*	Jan 23
Santa Paula	Curacao*	Jan 23
Santa Rita	Chanaral*	Jan 18
Santa Rosa	Curacao*	Jan 16
Scanmail	Copenhagen*	Jan 19
Seatrain New York	New Orleans*	Jan 17
Soekaboemi	Macassar*	Jan 24
Stella Polaris	Bergen	Jan 18
Strassa	Narvik	Jan 17
Talamanca	Port Limon*	Jan 22
Tasmania	Yokohama*	Jan 19
Telamon	Ciudad Bolivar*	Jan 19
Texas Banker	Houston*	Jan 17
Texas Ranger	Houston*	Jan 24
Thule	Iiheos*	Jan 18
Troubadour	Buenos Aires	Jan 16
Uddeholm	Hoenberg*	Jan 20
Veendam	Rotterdam*	Jan 24
Vincent	Dundee	Jan 16
Vito	Kolkthottam*	Jan 25
Vulcania	Trieste*	Jan 18
West Irmo	Lagos*	Jan 27
Western Prince	Buenos Aires*	Jan 19
Westernland	Antwerp*	Jan 17
Wiegand	Santa Fe*	Jan 27
Willmoto	Portland	Jan 23
Yamabiko	Kobe*	Jan 28
Zaandam	Rotterdam*	Jan 16

* And other ports

Recent Charters

PETROLEUM—5,714 tons, S S Hallanger, gas oil, Gulf to United Kingdom, Continent, 12s; February
6,364 tons, S S Malabar, fuel oil, Gulf to North of Hatteras, 31c a barrel
3,883 tons, S S Cleopatra, Gulf to North of Spain
—— tons (Mallory), fuel oil, Gulf to North of Hatteras, 22c a barrel; January
4,083 tons, S S W W Bruce, crude oil, light, Gulf to North of Hatteras, 24c a barrel; January
5,501 tons, S S Invershannon, dirty, Gulf to Havre, 10s; February
4,549 tons, S S Sandar, dirty, Gulf to North Spain, 10s 6d; January
6,758 tons, S S Strinda, dirty, Venezuela to Northern States, 13c a barrel; February
4,750 tons, S S Nore, dirty, Curacao to United Kingdom, Continent, 9s; January
5,901 tons, S S Caledonia, dirty, Haifa to Teneriffe, 5s 6d; January
—— tons, S S Lucellum, clean, Curacao to United Kingdom, Continent, 10s; Gulf loading, 12s; January
3,863 tons, S S Karabagh, clean, Curacao to United Kingdom, Continent, 10s; Gulf loading, 12s; January
3,282 tons, S S Tidepenn, gasoline, Gulf to North of Hatteras, 21c a barrel; January
—— tons, S S City Service, gasoline, 20c; kerosene, 21c; furnace oil, 22c a barrel, Gulf to North of Hatteras; January
—— tons (Mallory), crude, light, Gulf to North of Hatteras, 19c a barrel; January-February
5,514 tons, S S Langanger, dirty, Aruba to United Kingdom, Continent, 9s; January
4,358 tons, S S Marathon, Gulf to Continent, 10s 3d; February
4,022 tons, S S Minister Wedel, dirty, Gulf to Continent, 10s 9d; January
3,500 tons, S S Sommerstad, Aruba to Mediterranean, 11s 6d; February
4,752 tons, S S Solheim, dirty, Gulf to Flushing, 10s 6d; February
5,191 tons, S S Eli Knudsen, dirty, Venezuela to Northern States, 13c a barrel; February

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and

Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended January 18

Carob beans, 800 boxes, 9 bags; worm eaten.

Codliver oil, 4 barrels; non-destearinated and not so labeled; restricted use.

Cod oil, technical, 450 drums; restricted use.

Bill berries, 50 barrels; wormy.

Medicinal preparations, 2 parcels, 2 cases; new drug.

Medicinal preparations, 3 cases; false therapeutic claims.

Medicinal preparations, 1 case; falsely labeled as to composition.

Nutmegs, 426 bags; restricted use.

Sesame seed, 13 bags; filthy.

Zinc oxide ointment, 141 tubes; not U.S.P.; false therapeutic claims.

Baltimore

Week Ended January 18

Caraway seed, 100 bags; filthy.

Los Angeles

Week Ended January 5

Medicinal preparations, 36 pieces; false therapeutic claims.

Peanuts, shelled, 300 bags; filthy and decomposed.

Philadelphia

Week Ended January 18

Codliver oil, 60 drums; restricted use.

Medicinal preparation, 1 case; new drug.

San Francisco

Week Ended January 5

Hair dye, 180 pieces; coal tar dye without caution statement.

Medicinal preparations, 24 pieces; false therapeutic claims.

Medicinal preparations, 12 pieces; false therapeutic claims; new drug.

Sesame seed, 540,025 pounds; filthy.

Bids Wanted

Acid, Oxalic:—300 pounds for Quantico; Quartermaster, Marine Corps, Washington; schedule 432, opening January 27.

Acid, Sulphuric:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3415, opening January 30.

Alcohol, Ethyl:—400,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 525, opening February 9.

Borax, Powdered:—2,500 pounds for Quantico; Quartermaster, Marine Corps, Washington; schedule 432, opening January 27.

Black, Mixed:—425,000 pounds; Purchasing Agent, Bureau of Engraving and Printing, Washington; class 1, opening April 6.

Calcium Carbide:—50,000 pounds, General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3415, opening January 30.

Calcium Hypochlorite:—180 cans; CCC, Fort Lincoln, North Dakota; procurement 5704-42, opening January 26.

Cuprous Oxide:—1,100 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3415, opening January 30.

Dibutyl Phthalate:—1,850 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 520, opening February 9.

Diphenylamine:—12,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 524, opening February 9.

Enamel:—2,750 gallons of long oil; Commanding Officer, Rock Island Arsenal, Ill.; procurement 497, opening January 25.

Fertilizer, Mixed:—8 tons for Cairo, Ga.; Division of Purchases, Sales & Traffic, Department of Agriculture, Washington; procurement 4575, opening February 3.

6 tons for Austin, Tex.; Division of Purchases, Sales & Traffic, Department of Agriculture, Washington; procurement 4536, opening January 31.

Formaldehyde:—10,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5385, opening February 3.

Grease:—Supplies of mineral lubricating grease during the six months period beginning February 1; U. S. Engineer Office, Federal building, Galveston, Tex.; procurement 148, opening January 23.

Lead Arsenate:—600 pounds for Rosyln, Va.; Division of Purchases, Sales & Traffic, Department of Agriculture, Washington; procurement 4543, opening January 27.

White:—8,000 pounds; Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton, Ohio; procurement 571, opening January 25.

Lime, Hydrated:—100,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 529, opening January 27.

Lime Sulphur Solution:—500 gallons for Rosyln, Va.; Division of Purchases, Sales and Traffic, Department of Agriculture, Washington; procurement 4543, opening January 27.

Oil, Neatsfoot:—3,000 quarts; Commanding Officer, Raritan Arsenal, N. J.; procurement 68, opening January 23.

Paint, Primer:—2,250 gallons; Commanding Officer, Rock Island Arsenal, Ill.; procurement 497, opening January 25.

Paris Green:—5,000 pounds for Quantico; Quartermaster, Marine Corps, Washington; schedule 432, opening January 27.

Pitch:—10,000 pounds coaltar roofing pitch; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3415, opening January 30.

Putty, Whiting:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3415, opening January 30.

Pyrethrum Concentrate:—80 gallons for Quantico; Quartermaster, Marine Corps, Washington; schedule 432, opening January 27.

Silica, Pulverized:—95,000 pounds for Norfolk and Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5373, opening February 3.

Soap, Laundry, Powdered:—100,000 pounds; Procurement Division, Treasury Department, Washington; procurement 5126-S, opening January 25.

26,016 packages; Procurement Division, Treasury Department, Washington; procurement 5166-S, opening January 25.

100,000 pounds; Procurement Division, Treasury Department, Washington; procurement 5171-S, opening January 27.

Soft:—98,000 pounds; Contracting Officer, Materiel Division, Wright Field, Dayton, Ohio; procurement 569, opening January 27.

Soda Ash:—132,000 pounds; Procurement Division, Bureau of Supply, Treasury Department, Washington; procurement 5171-S, opening January 27.

Soapstone, Powdered:—12 tons for Quantico; Quartermaster, Marine Corps, Washington; schedule 432, opening January 27.

Titanium-Barium Pigment:—300,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5378, opening February 3.

400,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5378, opening February 3.

Dow Chemical Reports Earnings

Dow Chemical Company, Midland, Mich., earnings for the six months ending November 30, 1938, have been reported as $1,428,371.82 after interest, estimated depreciation, and estimated income taxes have been satisfied. This is equal, after the payment of preferred dividends, to $1.35 a share on common stock. The figures for the same period in 1937 were $2,381,137 and $2.44, respectively.

Augusta Chain-Store Tax Injunction Petition Filed

Augusta, Ga., Jan. 19, 1939

Southern Grocery Stores, Inc., has petitioned the Richmond County Superior Court for an injunction against Augusta's chain store tax ordinance, which calls for an annual payment of $1,200 for each store operated in Augusta. The company, operator of Rogers Neighbodhood Stores and Big Star Super-Markets, contends that the city has no charter provision enabling it to separate places of business offering essentially the same service.

Obituaries

Charles E. Kelly

Charles Edward Kelly, senior partner of Hagerty Brothers & Co., glass containers and chemical glassware and laboratory equipment, this city, died January 18 in a hospital in Summit, N. J., following an operation for appendicitis with which he was stricken four days earlier. He was forty-two years old.

Mr. Kelly, who was elected chairman of the Drug Chemical and Allied Trades Section of the New York Board

Charles E. Kelly

of Trade, November 29, 1938, was a native of Brooklyn. He was graduated from St. Peter's College, Jersey City, in 1917, with the degree of bachelor of arts and in that year became associated with his father, James E. Kelly, in the business of Hagerty Brothers & Co. He became senior partner in the business upon the death of his father, August 8, 1934. During the World War he served in the Signal Corps with the A.E.F.

Mr. Kelly was president last year of the Salesmen's Association of the American Chemical Industry. At the time of his death he was chairman of the entertainment committee for the convention of the Toilet Goods Association. He was president of the Alumni Association of St. Peter's College, a director of American Spirits, Inc., and a member of the Baltusrol Golf, Maplewood Country, Downtown Athletic, Drug and Chemical, and Sky-top clubs. He resided in Short Hills, N. J. He was a good golfer and a football fan, and had a charming personality that won him many friendships and got for him many tasks in the service of groups with which he was associated.

Mr. Kelly and Miss Ruth D. Patrick were married January 20, 1923. Mrs. Kelly and their four daughters, Jane, Ruth, Ann, and Joan, are his closest survivors, others being his brother, Joseph F. Kelly, South Orange, who was his associate in business, and his mother, Mrs. Elizabeth J. (Dechan) Kelly, South Orange.

George S. Mackay

George S. Mackay, one of the most widely known and highly regarded men in the botanical drug trade and midwestern representative for S. B. Penick & Co., crude drug importer and exporter, this city, died January 17 in Detroit, Mich. He was seventy-two years of age.

Mr. Mackay's business career began in 1890 with Farrand, Williams & Clark, of Detroit, following which he entered

George S. Mackay

the employ of Lord, Owens & Co., wholesale druggist, Chicago, Ill. Discovery of gold in the Klondike led to his getting leave of absence to join the rush over Chilkoot Pass.

On his return to the States, Mr. Mackay joined the sales force of Parke, Davis & Co., Detroit, being assigned to the crude drug department. When that department was discontinued in 1910 he became associated with P. E. Anderson & Co., prominent botanical drug merchant of this city.

In 1925 S. B. Penick & Co. purchased the Anderson company and Mr. Mackay was retained. He traveled the Michigan, Ohio, and Indiana territory for the Penick organization regularly until about three years ago, when he was placed on the semiretired list, leaving the road, but continuing active from his Detroit headquarters.

Among those attending the funeral services, held January 20, were S. B. Penick, sr., president of the Penick company; Fred Cornelius, a fellow worker with Mr. Mackay from the Parke, Davis days down to the present time, and by Carl M. Black and Richard Yale, both Penick representatives in the territory covered by Mr. Mackay. His wife survives.

William N. Barnum

William Newton Barnum, treasurer and a director of R. W. Greeff & Co., chemicals and solvents, this city, died January 17 in his home at Pelham Manor, N. Y., after a long illness. He was fifty years of age.

Born in Brooklyn, N. Y., on November 29, 1888, he was graduated from Amherst College in 1911. Following a term in the employ of F. H. Levey & Co., of Brooklyn, he joined the organization of R. W. Greeff & Co. in 1915, with which company he remained until his death. In 1917 and 1918 he served in the U. S. Navy as an aviator. Mr. Barnum became a specialist on solvents during his business career and for some years past directed the sales activities of the solvents division of the Greeff corporation.

He was a member of the Pelham Country Club, the Larchmont Shore Club, the Uptown Club, and the Amherst Club of this city. Funeral services were held privately on January 18 from his late home.

Surviving are his wife, Mrs. Josephine Johnson Barnum, of Milton, Mass.; a son, William N. Barnum, jr.; a daughter, Miss Josephine Barnum, and a sister, Mrs. Ethyl B. Howell.

Peter Hill Fowler

Peter Hill Fowler, retired president of the Scott & Bowne, pharmaceutical manufacturer, died January 18 in his home in Orange, N. J., after a year's illness. He was seventy-six years of age.

Born in Montgomery, N. Y., Mr. Fowler attended Montgomery Academy and Newburgh High School. At the age of sixteen Mr. Fowler became an office boy in the Scott & Bowne, then headed by his uncle, Samuel W. Bowne. After working in every department in the company Mr. Fowler was made superintendent of the plant in 1905, and was advanced to vice-president and general manager in 1907. In 1910, when Mr. Bowne died, Mr. Fowler was named president. He served in that capacity until his retirement in 1931. Although he was without formal training in chemistry, Mr. Fowler was credited with developing a concentrated emulsion, a cod liver oil tablet and other products of the company.

He was a member of the Orange County Society of New York and the Essex County Country Club. Surviving are his wife and a brother, Charles Fowler, Tompkins Cove, N. Y.

Dr. Iwan I. Ostromislensky

Dr. Iwan I. Ostromislensky, who is credited with the development of a process for the vulcanization of rubber without the use of sulphurous agents, died of a heart attack in his home in this city January 16. He was fifty-eight years of age.

Born in Moscow, Dr. Ostromislensky received his Ph. D. from the University of Zurich, and in 1906 received his M.D. there and a year later was awarded a chemical engineering degree from Karlsruhe Polytechnicum. He subsequently was appointed assistant professor of chemistry at Moscow University, and in 1911 became a professor at the University of Nijny-Novgorod. From 1916 until 1921 he was in charge of the chemotherapeutic division of the Moscow Scientific Institute. He came to the United States in 1921 to join the research staff of the U. S. Rubber Company, and pursued the studies of synthetic rubber and vulcanizing agents at the company's general laboratories in Passaic, N. J., from 1922 to 1926. He founded the Ostro Research Laboratories, this city, for pharmaceutical research in 1922, but severed this connection in 1929. He also conducted research in the use of polymerized vinyl chlorides for the Eastman Kodak Company. Surviving are his wife, a daughter, and one son.

George H. Chase, vice-president of the United States Royalties Corporation, died from a heart attack recently in Los Angeles. He was seventy years old. Surviving are a daughter and a son.

Payton C. Crenshaw, a former official of the original Standard Oil Company, who, after its dissolution in 1912, headed the Standard Oil Company of Ohio, died January 18 in Miami, Fla. He was sixty-nine years of age. Surviving are his wife and a daughter.

Joseph Hough, manager of the Catawba Fertilizer Company, Lancaster, S. C., died in his home in Kershaw, S. C., January 14, following a heart attack. He was fifty-two years of age.

August W. Manner, of Muth Brothers & Co., wholesale druggist, Baltimore, died in that city January 13, following a prolonged illness. He was sixty-three years of age. Surviving are his wife, a daughter and a son.

Harold Cole Watkins, chemist, formerly employed by the S. E. Massengill Company, Bristol, Tenn., died of a gunshot wound January 17. He was fifty-eight years old. Mr. Watkins was the formulator of the fatal elixir of sulphanilamide. He left the employ of the Massengill company six months ago. His death wound was self-inflicted, but the coroner did not decide whether it was accidental or intentional.

Clifford Weatherwax, identified with the Central and Southern California oil industry, died unexpectedly January 13 in a hospital in this city. He was sixty years old. Surviving is his wife.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Six-hundred-twenty-ninth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Aluminum Sulphate

(Alum, Alumini Sulfas, Aluminii Sulphas, Aluminium Sulfuricum, Aluminiumsulfat, Concentrated Alum, Papermaker's Alum, Pearl Alum, Pickle Alum, Schwefelsaure Thonerde, Schwefelsaurestonerde, Solfato di Alluminio, Solfato de Aluminio, Sulfas Alumicus, Sulfate d' Alumine, Sulfate Aluminique, Sulfate d' Aluminium, Sulphate of Alumina)

Abrasives

Etching agent for—
- Abrasives
- Corundum
- Emery
- Garnet
- Sand

Process material in making—
- Abrasives and abrasive compositions

Adhesives

Fireproofing agent for—
- Adhesive compositions

Ingredient of—
- Adhesive compositions

Analysis

Reagent in—
- Analytical processes involving control and research in science and industry

Aviation

Fireproofing agent for—
- Airplane dopes
- Airplane fabrics
- Balloon fabrics
- Dirigible fabrics

Bituminous

Tempering agent (U.S. 1372467 and 1328310) for—
- Asphalt

Building Construction

Ingredient of—
- Building material compositions (U.S. 1256324, 1408760, and 1463123)
- Cement and concrete treating compositions (U.S. 1371555)
- Concrete waterproofing compositions
- Flooring compositions (U.S. 1463123)
- Heat-insulating compositions (various patents)
- Insulating cements and mortars
- Insulating materials (various patents)
- Plasterboard (U.S. 1503211)
- Plasters (U.S. 1317680 and 1463123)
- Road pavings (various patents)
- Solutions used for cleaning buildings and statuary by steam-spraying (Brit. 408859)
- Sorel cements (French 666186)
- Special plaster having quick initial set and high strength (U.S. 1878206)
- Tile (U.S. 1463123)
- Wallboard

Waterproofing agent for—
- Asbestos (U.S. 1280954)
- Gypsum (U.S. 1256324)

Cellulose Products

Hardening agent for—
- Viscose

Precipitating agent for—
- Viscose

Process material (Brit. 391153) in making—
- Moisture-resistant, nonfibrous cellulose sheet claimed to be absorbent and not to disintegrate or fray when wetted

Ceramic

Cleaning agent for—
- Clays

Material in making—
- General ceramic ware, porcelain, potteries, and the like

Chemical

Catalyst in making—
- Esters from lower aliphatic acids and olefins (Brit. 398527)
- Ethane gas
- Ethyl alcohol
- Ethyl lactate
- Propyl alcohol

Decomposing agent (U.S. 1357025) for—
- Potassium silicofluoride

Extractant (U.S. 1349113) for—
- Potash from feldspar

Inert diluent in making—
- Diazotizing preparations from paranitroanilin (Germ. 426033)

Ingredient of—
- Catalytic mixtures used in making various synthetic organic chemicals
- Compositions with alkali formate (U.S. 1493945)

Precipitating agent for—
- Alkaloids
- Arsenic trisulphide
- Calcium
- Rosin soaps

Process material in concentrating—
- Acetic acid
- Acetone
- Ethyl alcohol
- Formic acid
- Methanol
- Methyl acetate

Process material in making—
- Alginic acid
- Alkali aluminum alginates
- Alkali iodides
- Alums
- Benzin
- Catalysts, such as those for hydrogenation processes
- Ethylene
- Ferrous sulphate
- Glycol
- Hydrocyanic acid
- Iodine
- Lactose
- Lead sulphate
- Manganese sulphate
- Mesothorium chloride
- Nickel catalysts
- Potassium chloride
- Potassium iodide
- Potassium sulphate
- Propanetriol
- Radium-barium chloride
- Satin white
- Sodium iodide
- Sodium sulphate
- Sulphur dioxide (various patents)
- Sulphur trioxide (various patents)
- Sulphuric acid (U.S. 1415308 and 1252384)
- Tanning agents for leather
- Titanium hydroxide (U.S. 1504672)
- Titanium oxide (U.S. 1504672)
- Toluene

Process material in purification of—
- Calcium acetate
- Ergot

Recovery agent (U.S. 1201392) for—
- Potassium bichromate

Starting point in making aluminum salts, such as—
- Acetate
- Alginate
- Alums
- Betanaphtholdisulphonate
- Borate
- Carbide
- Chloride
- Copper-sulphate
- Fluoride
- Fluosilicate
- Formate
- Hydroxide
- Hypochlorite
- Iodide
- Linoleate
- Oleate
- Oxide
- Palmitate
- Permanganate
- Petroleum-sulphonates
- Phosphate
- Resinate
- Salicylate
- Silicate
- Sludge-sulphonates
- Sulphide
- Sulphite
- Tungstate

Clay Products

Binder for—
- Clay
- Flint clay

Cleaning agent for—
- China clay
- Fraddon clay
- Kaolin
- Mid-Cornwall clay
- North American clay
- North Carolina clay
- Pentruff clay

Cosmetic

Ingredient (U.S. 1189653) of—
- Bath salts

Dental

Ingredient (U.S. 1408960) of—
- Dental cement

Disinfectant

Ingredient of—
- Germicidal compositions

Distilling

Treating agent (U.S. 1423042, 1344950, and 1344851) for—
- Slop

Dye

Diluent (Brit. 399753) in making—
- Solid, stable diazosalts

Ingredient of—
- Dyeing compositions

Mordant for—
- Dyestuffs

Process material in making—
- Azophor blue D
- Azophorrosa A
- Dyestuffs
- Greenish-blue lakes and other color lakes
- Methylene blue (Brit. 407856)

Electrical

Ingredient of—
- Battery electrodes
- Electric insulations and insulators
- Storage battery electrolytes

Process material (U.S. 1911279) in making—
- Cellulosic carbon for electrical resistances

(To be continued)

Bis-betathiocyanoethoxyethyl Phthalate

Insecticide

Starting point (Brit. 478604) in making—
- Insecticides and plant fungicides for use in sprays, dusting powders, or emulsions

---

Butyl Malate

Chemical

Reactant in—
- Organic syntheses

Food

Volatility reducer (Brit. 435272) in—
- Flavoring agents used in cooked food preparations, such as jellies, jams, puddings, desserts, preserves

---

2:6-Dimethylnaphthalene-8-sulphonic Acid

Chemical

Intermediate in—
- Organic syntheses

Dye

Intermediate in making—
- Synthetic dyestuffs

Dinitro-orthocyclohexylphenol

Insecticide and Fungicide

Ingredient of—
- Dusting preparations
- Petroleum oil sprays

Toxicant for—
- Citrus red mite
- Lygaeus kalmii
- Rosy apple aphis
- San Jose scale

Diphenylsulphone

Chemical

Reactant in—
- Organic syntheses

Electrical

Starting point (Brit. 469819) in making—
- Halogenated aromatic sulphones used as dielectrics

2-Ethylbutyric Acid

(Acide Diethyle Acetique, Acide 2-Ethylbutyrique, Acido Dietilacetico, Acido 2-Etilbutirico, 2-Aethylbuttersaure, Buttersaueres-2-æthylester, Diethylacetic Acid, Essigsaueresdiæthylester)

Chemical

Acid resembling butyric acid in most properties but having a less-pronounced odor and limited water solubility

Reactant in—
- Organic syntheses

Starting point in making—
- Esters which are less water-soluble than corresponding butyrates
- Esters used as plasticizers
- Halogenated derivatives used as intermediates for drugs and special chemicals

Dye

Starting point in making—
- Halogenated derivatives used as intermediates for dyestuffs

Miscellaneous

Water-white, high-boiling liquid available for various purposes

---

2-Ethylhexoic Acid

Chemical

Acid offering—
- Comparatively high boiling point (227° C).
- Mild odor

Reactant in—
- Organic syntheses

Starting point in making—
- Esters used as the basis of compounds having detergent, emulsifying, or plasticizing properties
- Metallic salts

Paint and Varnish

Starting point in making—
- Metallic salts said to have possibilities as varnish driers

Miscellaneous

Starting point in making—
- Esters used in making detergents
- Esters used in making emulsifying agents

5-Methoxy-1′:3′:3′:5′-tetramethyl-2-ethylbenzoxoindolenine-carbocyanin

Photographic

Sensitizer (Brit. 442160) in—
- Orthochromatic sensitization of silver halide emulsions

2-Methyl-4-aminobenzene 1-Sulphofluoride

Dye

Reactant in—
- Dye syntheses

Starting point (Brit. 460224) in making—
- Orange dyes for wool
- Red dyes for wool
- Yellow dyes for wool

Starting point (Brit. 460224) in making—ing—
- Clear, water-soluble dyes by diazotizing and coupling with—
  - 1-Acetylamino-8-naphthol-4:6-disulphonic acid
  - Aminonaphthalenesulphonic acids
  - Aminonaphtholsulphonic acids
  - 1-2′-Chlor-5′-(sulphophenyl)-3-methyl-5-pyrazolone
  - Hydroxynaphthalenesulphonic acids
  - 1-Naphthol-4-sulphonic acid
  - 2-Naphthol-6-sulphonic acid
  - Pyrazolonesulphonic acids
  - 1-(4′-Sulphophenyl)-3-methyl-5-pyrazolone

2-Methyldihydroindole

Chemical

In organic syntheses

Dye

In organic syntheses

Starting point (Brit. 448936) in making—
- Dyestuffs for tannin-mordanted cotton, with—
  - 2-Aldehydomethylene-1:3:3-trimethylindole
  - 5-Methoxy-2-aldehydomethylene-1:3:3-trimethylindole

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

OLD ESTABLISHED corporation manufacturing and distributing refined chemicals in New York territory would be interested in exclusive representation of new items for distribution in this section. Have facilities for storage and reconditioning. BOX 237, Oil, Paint and Drug Reporter.

ACTIVE BROKER and jobber desires additional exclusive accounts of chemicals, solvents and raw materials for the chemical, paint, rubber and manufacturing trades covering northern Ohio and central Indiana. BOX 262, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS—Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE.—One belt driven 12 inches by 30 inches water cooled Kent roller mill. BOX 233, Oil, Paint and Drug Reporter.

FOR SALE—Eleven units, each consisting of twelve one-gallon jars Paul O. Abbe pebble mills, with ¾ H. P. 100-220 volt motors, like new. One Bryant silica gel air conditioning unit for 5760 c. ft. phosphoric acid, aluminum phosphate, fluoride, hydrate, fluorspar, feldspar, cryolite; all original pkgs., one-two-ton lots. Baker & Co., Inc., 113 Astor street, Newark, N. J.

Equipment Offered

FOR SALE—One Day dry powder mixer, jacketed, size 30"x72"x30", double spiral agitator, pulley drive; one Schutz-O'Neill style D, 16", limited pulverizer; one 18"x18" wood plate and frame filter press, 45 plates and frames, corner feed, open delivery; two Spencer turbo-compressors, 1300 CFM —10 oz.; two Schutz-O'Neill No. 3 sugar pulverizers; one Jeffrey 10' vertical bucket elevator; three Jeffrey-Traylor electric vibrators; one Jeffrey 23' vertical bucket elevator. All in excellent condition throughout. Industrial Equipment Co., 207 Murray street, Newark, N. J.

Factories Offered

BRICK FACTORY, 32,000 sq. ft., two story, sprinklers, elevator, live steam available 24 hours a day, railroad siding, yard; unrestricted district; 15 minutes to Manhattan; low rent. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

For Lease

VARNISH MANUFACTURER—Two-story brick building, 40'x100'; yard space and sheds; varnish fires; also adjoining 2-story brick building, 60'x100'. J. P. Clark Company, 478 Graham avenue, Brooklyn, N. Y. EVergreen 8-8950.

Investment Offered

WISH TO contact person having knowledge of salads, salad oils, with view of establishing an avocado oil extracting plant in South Florida and willing to make substantial investment after investigating facts obtained from pilot plant operations. BOX 265, Oil, Paint and Drug Reporter.

Positions Vacant

VARNISH MAKER wanted—Must have thorough knowledge of manufacturing synthetic and natural gum varnishes. Man answering this ad must be prepared to work. Plant located in Chicago. References required. State salary. BOX 266, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN WANTED to sell paint grinders and industrial trade. Must have complete knowledge pertaining thereto. Own automobile essential to contact Chicago and vicinity. Terms discussed at interview. BOX 267, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST—Eight years' experience in formulating all types of industrial lacquers and synthetic enamels. Capable of research and development work. Single, and willing to travel. BOX 249, Oil, Paint and Drug Reporter.

SERVICES of wholesale drug sundries buyer available. Twenty-five years' experience buying all lines drug sundries. Competent to manage large department, compile illustrated catalogue, issue price bulletins and sales letters. Best of references from leading wholesale druggists. BOX 251, Oil, Paint and Drug Reporter.

ORGANIC FINISHING engineer. Chemical engineering degrees Carnegie Institute of Technology and Rensselaer Polytechnic Institute. Young, Christian. Complete knowledge finish application, lacquers, baking enamels, japans, solvents, metal preparation, equipment, methods, testing, control and costs. Industrial teaching and writing experience. BOX 255, Oil, Paint and Drug Reporter.

DRUG and chemicals expert, 25 years in the field, export specialist, languages, desires suitable position, possibly connection. Capital available. BOX 257, Oil, Paint and Drug Reporter.

EXPORT EXECUTIVE, 37, large experience Latin America, perfect Spanish, excellent connections, capable organizing new export business, desires position. BOX 230, Oil, Paint and Drug Reporter.

TECHNICAL SALESMAN, with 15 years' experience selling oils, resins and pigments to the paint, varnish and lacquer trades. Now available. BOX 263, Oil, Paint and Drug Reporter.

Positions Wanted

SUPERINTENDENT, PRODUCTION manager available, nine years' experience with largest metropolitan paint and varnish manufacturer. Desires position with growing plant in the east. Specialized in inside and outside house paints. Familiar with all types of resins. BOX 264, Oil, Paint and Drug Reporter.

PAINT SALESMAN, experienced with extensive dealer following in Manhattan and Bronx territory, among paint, and paint and hardware dealer trade, seeks position with reliable manufacturer; national house experience. Martin Mound, 2070 Bronx Park East, Bronx, N. Y.

PYRETHRUM EXTRACT—Man thoroughly adept in manufacturing pyrethrum extracts; experienced millwright; capable of setting up entire pyrethrum extract processing plant. Alfred D'auria, 219-A 20th street, Brooklyn, N. Y.

Services Offered

CHEMIST and chemical engineers—If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

CHECK INVENTORIES—Cash for any quantity, surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

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Cable: EFFEMCY

Petroleum Solvents, Lubricants, Fuels

Markets at Other Centers

—Continued from page 50

is being made from lower than the major posted prices for crude the effect has been ruinous at the service station. In the newer Illinois area nearly 30 percent of the production is being sold from 75 to 92½c. per barrel, while the posted market prices of the major buyers is $1.15 per barrel. As present refined oil prices are based upon the lowest crude prices, it is believed that no further concessions may be expected in those products that are coming into season.

Following are the approximate prices of the various refined products traded in the Midcontinent and Central Western fields based upon Group 3 quotations:—

GASOLINE.—The low 62 is selling at 3⅛c. to 3½c. per gallon. The 63-66, from 3½c. to 4c. per gallon; the 67-69 octane, from 3⅞c. to 4¼c. per gallon, and the 70-72 regular, from 4⅛c. to 4½c. per gallon. The 60-62 gravity grades were about ⅛ of one cent more in the higher price bracket. The 64-6 gravity was 3⅞c. to 4⅛c. per gallon, and the 68-70, 4¾c. to 5c. per gallon.

NATURAL GASOLINE.—The quotations are ¼ of one cent lower. The 26-70 grade is 3¼c. per gallon in Texas and 3½c. per gallon in Oklahoma, while the 18-pound 55 vapor is 3¾c. in Texas and 4⅛c. in Oklahoma.

KEROSENE.—Quotations are off one-eighth with the 41-43 grade, or 3¾c. to 4c. per gallon and the 42-44 grade is 3⅞c. to 4⅛c. per gallon.

DISTILLATES.—Prices are ⅛ lower with the No. 1 prime white at 3⅝c. to 3¾c. per gallon and No. 2 straw at 3⅜c. to 3½c. per gallon.

FUEL OIL.—No change in the industrial grades with the low gravities at 45. to 60c. per barrel, while the 24-28 high cold test is 85c. to 90c. and the zero grade at $1 per barrel.

LUBRICANTS.—No change in prices has developed although the tone of the market continues to improve. There has occurred a curtailment in production to contribute to lessening the pressure on the market.

Fertilizer Wages Are Being Studied

OPD Washington Bureau
January 17, 1939

Formal procedure for fixing minimum wages to be paid by fertilizer manufacturers selling to the Federal government under the terms of the Walsh-Healey act has been started by the Public Contracts Division of the Department of Labor.

A public hearing has been scheduled for January 26 in the Department of Labor building in Washington, at which all interested parties may submit information bearing on the prevailing wages in the fertilizer industry. The call for the hearing defines the fertilizer industry as that industry which produces for sale superphosphates and concentrated superphosphates, and which mixes complete fertilizer from superphosphates, potash, and ammoniates. After the prevailing wage is determined by the Secretary of Labor this rate must be paid by all producers supplying the government on contracts of $10,000 or more.

As a basis for discussion the division will receive in evidence a report on average hourly earnings in the fertilizer industry prepared by the Bureau of Labor Statistics. This report, which has been sent to all known members of the industry, is based on a study of 283 fertilizer manufacturers employing 15,657 wage-earners during the Spring months of 1938 and located in twenty-three leading fertilizer States. At that time the average earnings of these workers was 32.6 cents an hour, but the report points out that there is a large measure of variability behind this average. One-fourth of the workers earned less than 25 cents an hour, and considerably more than one-half were paid less than 30 cents, while nearly seven-tenths received less than 40 cents.

The report discusses wage conditions in various regions and states that none of the Northern establishments reported average earnings of less than 25 cents an hour, although more than one-half of the Southern plants did. In the lower half of the Southern wage area almost two-thirds of the plants averaged less than 25 cents and nearly one-half averaged less than 20 cents. The report is replete with tables of statistics on average earnings of different types of workers in the fertilizer industry in various geographical districts.

Weirton Steel Co. Plans New Research Laboratory

Weirton Steel Company plans the construction of a $250,000 chemical, metallurgical and general research laboratory in Weirton, W. Va. Work on the new construction will start February 1, T. E. Millsop, president of the company, stated that under modern conditions of manufacture there is practically no limit to the variety of chemical and physical properties that may be given to steel.

American Beverage Corporation has been merged with the Predergast-Davies Corporation under the name of the former company. The merger was effected through the purchase by Irving Feinberg, sole owner of the Predergast-Davies organization, of 72,000 shares of American Beverage Corporation.

Trade Briefs

Carl Dietz, of the Johns-Manville Corporation, addressed the January meeting of the St. Louis Paint, Varnish and Lacquer Association on "Celite."

Robert W. Lea, who has been president of the West Virginia Coal & Coke Co., has been elected a vice-president of Johns-Manville Corporation, this city.

L. H. Conklin, of the Flood & Conklin Company, varnish manufacturer, Newark, has been elected to the directorate of the Fidelity-Union Trust Company, Newark.

Mid-West Rubber Reclaiming Company has called a meeting of stockholders for January 26, to vote on a proposed change in the by-laws of the company.

T. B. Rendel, of the Shell Petroleum Corporation, Wood River, Ill., has been named chairman of the American Petroleum Institute's 1939 committee on motor fuel research.

Glenn Byers, of the Shell Petroleum Corporation, St. Louis, has been appointed chairman of the American Petroleum Institute's 1939 committee on accident prevention in refineries.

Richard Van Saun Hillier, with S. B. Penick & Co., crude drugs, this city, was married on January 11 to Mrs. Edna Mohler Watson, of Lancaster, Pa. The ceremony was performed in the Central Presbyterian Church, this city.

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EXCHANGE Citric Acid U.S.P. is made by the Exchange Lemon Products Company of Corona, Calif. Backed by the Sunkist group of 13,500 citrus growers—largest in the world. Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.

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Exchange

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